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CAPE ASTROGRAPHIC ZONES.
VOL. XI.

CATALOGUE OF RECTANGULAR CO-ORDINATES
AND DIAMETERS OF STAR-IMAGES

DERIVED FROM PHOTOGRAPHS TAKEN AT
THE ROYAL OBSERVATORY, CAPE OF GOOD HOPE.

COMMENCED UNDER THE DIRECTION OF
SIR DAVID GILL, K.C.B., LL.D., F.R.S., Etc.,
FORMERLY H.M. ASTRONOMER AT THE CAPE.

COMPLETED AND PREPARED FOR PRESS UNDER THE SUPERVISION OF
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INTRODUCTION

TO

VOL. XI.

§ I.—GENERAL.

A general description of the work pertaining to the Cape zones of the "Carte du Ciel" Catalogue is contained in the Introduction to Vol. I. of this series.

The present volume contains the results of measures derived from plates having their centres on the declination circle -51° , which have been treated in all respects in a similar manner to those dealt with in the previous volumes.

For fuller detail, reference may be made to this general description, only such parts being repeated here as require modification for each particular zone, or which are considered essential in explanation of the contents of the volume.

§ II.—INSTRUMENTAL ADJUSTMENTS, ETC.

(a) THE PHOTOGRAPHIC TELESCOPE.

A description of the photographic refractor is given at p. 120 of the *History and Description of the Cape Observatory*, and it will be sufficient here to state the following details:—

The equatorial mounting is of the German type, carrying two parallel telescopes securely braced together by rigid cast iron flanges near their ends.

The main photographic telescope is of 13 inches aperture and $11\frac{1}{4}$ feet focal length, giving pictures very approximately on a scale of 1' of arc to a millimetre.

The breech piece of the telescope carries the plate holder mounted in such a manner that the latter can be easily removed and quickly replaced so as to return accurately to the same position. The photographic plate in its turn is held in this holder with spring pressure against six bearing points, three of which serve to define its plane, and the remaining three its position and orientation in that plane.

A second plate carrier, with bearing points in exactly similar positions in relation to the plate, is used for impressing on the plate the réseau used for purposes of measurement. Thus the intersection of the central réseau lines should define a point which is "fixed" in relation to the breech end of the telescope.

By removing the plate carrier and replacing it by a small aperture coinciding with this fixed position, the object glass, as a whole, was centred on this small aperture in the usual manner.

To adjust the plate perpendicular to the optical axis, the plate was replaced in its carrier by a plane mirror on which this centre was duly marked by removal of a small circular patch of the silvering. A small glow lamp was placed in a central position outside the object glass and its reflected image in this mirror viewed through the objective. The tilt of the mirror was then regulated by the available adjusting screws until the lamp, its image, and the centre mark on the mirror were in alignment.

The mounting of the breech end permits of a small rotation of the plate holder, by which the central réseau lines may be accurately adjusted respectively along, and perpendicular to, an hour circle. This adjustment can be tested by allowing a star image to trail across the sensitive plate with the driving clock stopped and measuring the distance of the impressed trail from an adjacent réseau line at two points symmetrically situated near opposite edges of the plate.

These adjustments, when once made, were found to possess all necessary stability, and have been occasionally verified when it has been necessary to dismount the object glass for cleaning, or otherwise displace any of the essential working parts.

The focal adjustment was selected so as to give the sharpest definition for stars at about 40 mm. distance from the centre of the plate, and was found to remain sufficiently permanent. The readings of the focussing scale (divided in millimetres) have, however, been slightly varied from time to time as follows:—

								mm.
1897	November	4.	Focus set at	...	...	...	...	21.5
1898	September	26.	" altered to	...	...	...	...	21.0
1899	November	7.	" " "	...	...	...	...	22.0
1902	February	14.	" " "	...	...	...	...	21.0
1905	June	23.	" " "	...	...	...	...	21.5
1906	September	5.	" set at	...	...	...	...	22.0
1910	February	3.	" altered to	...	...	...	...	21.5

(b) THE GUIDING TELESCOPE.

The second or guiding telescope is of 10 inches aperture and the same focal length as the photographic telescope. Its breech end carries an eye-piece mounted on two slides at right angles to the axis of the telescope and to one another, so as

to extend the field of view accessible at any one setting of the instrument. These slides are adjusted respectively parallel and perpendicular to an hour circle. The centre of the field of view of the eye-piece is defined by cross spider webs mounted on a frame which travels with the eye-piece, while its position in relation to the field of the objective is ascertained by means of two verniers travelling with the eye-piece and reading against fixed scales divided in millimetres.

The readings on these scales, which correspond with the centre of the field of the telescope, are found to be subject to slight fluctuations though stationary over short intervals. They are accordingly ascertained from time to time by direct experiment. The scales are set to a reading at or near the estimated centre and the guiding telescope is then directed to a bright star, which is placed accurately at the intersection of the cross webs by means of the equatorial movements of the whole apparatus. A plate is then exposed in the photographic telescope and impressed with a *réseau* in the usual manner. If the scale readings have been correctly selected the image of the star should appear at the intersection of the central *réseau* lines. Its displacements from this position measured in millimetres in two directions at right angles, corresponding with the directions of the two eye-piece slides, determine the amounts by which the estimated readings require to be corrected.

In photographing any field, a suitable star within the field and not too far from the centre is selected, and its rectangular co-ordinates in millimetres in relation to the desired centre on an ideally adjusted plate are computed. The eye-piece is then displaced from its central position by amounts, measured on the eye-piece scales, which correspond with these rectangular co-ordinates, and previous to exposure of the plate the guiding telescope is directed so as to place the image of the guiding star in coincidence with the intersection of the cross webs.

This coincidence is maintained during exposure either by the clock movement or, if necessary, by slight hand corrections by means of a slow motion screw in declination and a differential gearing operating in the clock movement in right ascension.

(c) THE RÉSEAU.

The *réseau* consists of a sheet of silvered plate glass, of the same surface dimensions as the plates in use, on which two series of fine equi-spaced parallel lines have been engraved in a dividing engine, so as to remove the silvering along these lines. The two series of lines are respectively at right angles, and the lines of each series are spaced at intervals of 5 mm.

A photographic copy of the *réseau* is impressed on each plate by placing the plate in a special carrier, so that its sensitive surface is almost in contact with that

of the silvered surface of the réseau. The light from a small electric lamp, after being rendered parallel by passage through an object glass of 9 inches aperture, is then made to fall on the réseau and through the ruled apertures on to the sensitive film below.

The practice has been throughout to imprint the réseau either immediately before or immediately after exposing the plate in the main telescope.

In connection with the present programme, four different réseaux have been used, viz. :—

Gautier No.	51	from	1897 December 7	to	1899 July 11.
"	"	?	"	1899 July 12	to 1901 October 30.
"	"	61	"	1901 October 31	to 1902 June 11.
"	"	50	"	1902 June 12	till completion of work.

These réseaux are referred to hereafter as G 51, Gx, G 61, G 50, the distinguishing number originally engraved on the second of them having been obliterated before use.

The division errors of the scales of these réseaux have not been subjected to direct investigation. A careful investigation of the réseau G 8*, which is similarly ruled by the same maker and probably in the same dividing engine, indicated that a very high degree of precision could be expected in the ruling, while the indirect tests furnished by the agreement of the results derived from different plates which overlap in a complex manner have confirmed this sufficiently satisfactory result.

(d) THE PLATES.

Except during the interval 1903 July 8 to 1904 July 20, the plates in use have been the "Ilford Special Rapid" with three exposures of durations 6 m., 3 m., and 20 secs., the guiding telescope being displaced by 1 mm. to the North between exposures. Between the dates above mentioned "Ilford Monarch" plates were used and the exposures reduced by one-half. A return was, however, made to the Special Rapid plates on account of their finer grain.

The developer employed was Eikonogen-Hydroquinone previous to May 1901, and subsequently Amidol.

(e) THE MEASURING APPARATUS.

The apparatus in use for measuring the plates has been described in detail in *Monthly Notices*, vol. lix., pp. 61-72. Two such instruments, distinguished hereafter as Micrometer I. and Micrometer II., have been employed.

The pairs of close webs which form the outer square are mounted on fixed frames, and the two further sets of close parallel webs on sliding frames, whose

* Gill and Jacoby, *Acta Societatis Scientiarum Fennicæ*, xxiii, No. 5.

positions are governed by two micrometer screws, permitting motion of these sets of webs bodily in a direction perpendicular to their length.

The reticule admits of adjustments to ensure—

- (1) that the opposite sides of the outer square shall be rendered strictly parallel and at a distance apart corresponding to the space traversed by either set of moving webs in 10 revolutions of the micrometer screw ;
- (2) that the adjacent sides of the square shall be strictly perpendicular ;
- (3) that the moving webs shall be strictly parallel to the corresponding sides of the square ;
- (4) that the zero reading of the screws shall correspond exactly with 0 rev. or 10 rev. when the moving webs are brought into symmetrical coincidence with one or other of the sides of the fixed square.

The photographic plate is mounted on a stage beneath the microscope, which is carried on two slides at right angles to one another, so that any portion of the plate may be brought within the field of view of the microscope.

By sliding the microscope bodily in the direction of its axis, the focus may be adjusted so that the image of the plate is in the same plane as the reticule, and, by a similar motion of the objective alone, the scale of the image may be adjusted so that the distance between adjacent réseau lines corresponds with the length of the side of the outer square.

Further, the plate may be rotated in its carriage and the microscope rotated about its axis until both the réseau lines and the webs are parallel to the slides on which the plate carrier is mounted.

Thus a square of the réseau may be adjusted to coincidence with the outer square of fixed webs, while the two sets of moving webs are made to intersect symmetrically on a star image.

The readings of the micrometer screws then represent the rectangular co-ordinates of this star image expressed in screw revolutions, or tenths of a réseau interval, as unit, and referred to the sides of the fixed square which correspond with the readings 0 rev. as axes.

Except when the instruments have been dismantled for cleaning, their adjustments have remained remarkably steady and, with the exception of an occasional adjustment of the zero reading of the micrometer screws, when once made they could in general be left for months on end without further attention.

The change in zero reading, necessitating constant readjustment, was particularly noticeable in relation to the vertical screw of Micrometer II. about the middle of the year 1907. The slightly rounded conical point of the screw bears

with spring pressure against an agate plane. The tracing of a similar defect in another micrometer of like construction led to an examination of this end bearing in October 1907, when it was found that the jewel was split and that the sharp edges of the crack were exerting a grinding action on the point of the screw, giving rise to rapid wear. The end bearing was replaced temporarily by a hard steel disc and later, in July 1908, the jewel was renewed.

(f) ERRORS OF THE MICROMETER SCREWS.

An investigation of the errors of the micrometer screws is contained in Vol. I. It is there shown that, though the errors due to wear are considerable, their resultant effect on the mean of readings made in opposite orientations of the plate is negligible. Accordingly no corrections on this account have been applied to the observations.

§ III.—THE MEASUREMENT OF THE PLATES.

The plates before being passed for measurement were examined to ensure—

- (1) that the photographic images were sufficiently sharp and round. Plates with markedly diffuse images, due to unfavourable atmospheric conditions, or with elongated images due to faulty guiding, were rejected ;
- (2) that the region had been correctly identified. This was effected by a comparison of a few of the brighter stars with positions as catalogued in the C.P.D. ;
- (3) that the guiding star appeared in its correct position with an error not exceeding $0\cdot5$ in either co-ordinate ;
- (4) that the réseau had been duly impressed with suitable intensity ;
- (5) that there was a sufficiency of stars shown on the plate. As a rough test C.P.D. stars of mag. $9\cdot0$ should be shown by the third or 20 sec. exposure. In the revised series of plates the sufficiency of exposure was, however, frequently gauged by a comparison with the earlier series, taken on the same area, referred either to the same or to an adjacent centre ;
- (6) that there were no other defects either of film or treatment, etc., which called for repetition of the plate.

The next operation was to mark with an ink mark on the back of the plate the stars which had been selected as standards. These stars were selected from the original series of plates and were designed to give an average of about ten stars

on each plate, distributed as uniformly as possible over the area of the plate, and of such magnitude as to give well-defined sharp images on the plates, while at the same time they should be not too faint for accurate observation with the meridian circle. The selected stars are those contained in the *Cape Catalogue of 8560 Astrophotographic Standard Stars for the Equinox 1900*.

The plate was then placed in the measuring machine, first with the edge marked "A" on the réseau at the top, or in a position corresponding with the "black scales." This implies that the numbering of the lines of the réseau square brought into the field of view could be read off by means of the black figures engraved on the indicating scales. The small indices reading against these scales admit of slight adjustment to adapt them to the particular setting of the plate, and the only further adjustment usually necessary is that for the orientation of the plate, in order to render the réseau lines strictly parallel to the slides on which the plate carrier moves, and to the fixed spider webs in the field of the microscope.

Two observers now take part in the work, one handling the instrument and the other acting as recorder, the observers alternately relieving one another.

The observer at the instrument starts with the row of squares contained between the lines numbered 55, 54 and sweeps these under the microscope in order, proceeding in the direction from 2 to 26 in the horizontal scale. When a square is reached containing images of one or more stars, this square is brought into exact coincidence or symmetry with the square of "fixed" webs contained in the field of view of the measuring microscope by means of the coarse motions governing the motion of the plate, and subsequently by means of the fine motions operating on the micrometer box. As a rule only the images resulting from the longest exposure (6^m) were measured. Exception was made in cases where this image was disfigured by a flaw on the plate or otherwise; in this case the second image was measured, and a reduction derived from comparison with neighbouring stars applied to reduce to the first-image system.

After adjusting the square the observer at the instrument reads off the numbers of the réseau lines of the square pointed on, *e.g.*,

54—55, 7—8,

and these are duly entered on a form by the recorder.

The observer then points the movable webs in turn on the image of each star contained within the square, proceeding in order from left to right in the field of view.

After each setting, the two micrometers are read by the observer, and an estimate of the diameter of the star-image is made. For the brighter stars this estimate is expressed in terms of the space between the close sets of parallel webs

contained in the micrometer as unit, and this forms a convenient means of discriminating the stars' magnitudes, but the method is not equally satisfactory for the fainter stars. Below a certain degree of brightness which yields a diameter corresponding with about $\cdot 6$ of the unit involved, all stars give images of sensibly equal dimensions, but showing marked contrast in the degree of intensity. For such stars an estimate of the intensity of the image is recorded instead of a measurement of the diameter. Five different degrees of density have been recognised, and these have been indicated by the numbers -1 , -2 , -3 , -4 , -5 . -1 indicates that the star image only just fails to attain the full density of the images of the brighter stars on the plate, and -5 refers to the faintest stars whose second images are distinctly visible.

The readings of the micrometers and the diameter are read out by the observer and duly entered by the recorder. Whenever a "standard" star is reached the observer and recorder temporarily change places, and measurements are made by both of them.

On completion of the row 54–55, the observer proceeds in like manner to sweep along the row 53–54 in similar order, viz., from 2 to 26 on the horizontal scale.

The same series of operations is continued until the whole plate has been covered, the two observers, however, changing places occasionally, but always, except temporarily for the standard stars, on the completion of a row.

The plate is then reversed in its carrier through 180° in orientation, *i.e.*, set up in a convenient position for "red scale" readings. This implies that the numberings attached to the réseau lines now correspond with the red instead of the black figures on the indicating scales, and a new adjustment of the pointers and of the orientation of the plate is necessary.

The whole process of measurement is then repeated in the same order as before, but, of course, with reversed directions of motion, each observer measuring the same star images as before in the reversed position. The results of this second measurement are entered in convenient spaces in the recording form adjacent to those derived from the previous measurement.

It is evident that, since the sides of the squares are set to correspond with 0 rev. and 10 rev. of the micrometer screws, the sum of the readings taken in the two positions of the plate should, apart from errors of measurement, amount to exactly 10 revs. Whenever this sum in the first instance differed from 10 revs. by more than $0^{\circ} 020$ ($=0'' \cdot 6$) the measures have been subjected to further examination, and, if no fault was immediately traceable, they have been discarded and the measures both in the "black scale" and the "red scale" positions repeated.

§ IV.—PRELIMINARY REDUCTION OF RECTANGULAR CO-ORDINATES.

The rectangular co-ordinates of each star image, referred to the central réseau lines as axes, may now be derived by a combination of the réseau readings with the micrometer equivalents, each being expressed in similar units. The unit at first adopted is the millimetre on the plate.

Denoting by R_1, R'_1 , the micrometer readings, expressed in screw revolutions, for the two co-ordinates of a star at its first measurement, and by R_2, R'_2 , similar readings at the second measurement in the opposite orientation, we have

$$R_1 + R_2 = 10^{\text{rev}} - \theta$$

$$R'_1 + R'_2 = 10^{\text{rev}} - \theta'$$

where θ, θ' are small quantities not exceeding $0^{\circ} 020$. If we refer the second measurements to the same origin as the first by subtracting each from 10^{rev} , we obtain as the equivalents of the readings R_1, R'_1 resulting from the second set of measures,

$$10^{\text{rev}} - R_2 = R_1 + \theta \text{ and } 10^{\text{rev}} - R'_2 = R'_1 + \theta'$$

whence, from the mean of the two measures, we derive as the rectangular co-ordinates of the star-image referred to the corner of the réseau square as origin and the revolution of the screws as unit

$$-(R_1 + \frac{1}{2}\theta), \quad R'_1 + \frac{1}{2}\theta'$$

the sign of the former being reversed to correspond with the direction of increasing R.A.

We may convert these measures into millimetres by dividing by 2 since one revolution of the screw corresponds with half a millimetre on the plate. Further, adding the réseau equivalents I, I' , *i.e.*, the rectangular co-ordinates in millimetres of the origin in the réseau square in relation to the origin at the intersection of the central réseau lines, we obtain the co-ordinates of the star images in millimetres by the formulæ

$$I - \frac{1}{2}(R_1 + \frac{1}{2}\theta), \quad I' + \frac{1}{2}(R'_1 + \frac{1}{2}\theta')$$

or the equivalent formulæ, which have been used for control,

$$I - 5 + \frac{1}{2}(R_2 + \frac{1}{2}\theta), \quad I' + 5 - \frac{1}{2}(R'_2 + \frac{1}{2}\theta')$$

where I, I' are given by the following table of réseau equivalents:—

Réseau Equivalents for Vertical Scale (I).

Lines.	Equivalent.	Lines.	Equivalent.	Lines.	Equivalent.	Lines.	Equivalent.
31-32	+60	37-38	+30	43-44	0	49-50	-30
32-33	+55	38-39	+25	44-45	-5	50-51	-35
33-34	+50	39-40	+20	45-46	-10	51-52	-40
34-35	+45	40-41	+15	46-47	-15	52-53	-45
35-36	+40	41-42	+10	47-48	-20	53-54	-50
36-37	+35	42-43	+5	48-49	-25	54-55	-55

Réseau Equivalents for Horizontal Scale (I').

Lines.	Equivalent.	Lines.	Equivalent.	Lines.	Equivalent.	Lines.	Equivalent.
2-3	+55	8-9	+25	14-15	-5	20-21	-35
3-4	+50	9-10	+20	15-16	-10	21-22	-40
4-5	+45	10-11	+15	16-17	-15	22-23	-45
5-6	+40	11-12	+10	17-18	-20	23-24	-50
6-7	+35	12-13	+5	18-19	-25	24-25	-55
7-8	+30	13-14	0	19-20	-30	25-26	-60

Finally, it is necessary to express the co-ordinates in units which correspond more accurately with a minute of arc at the centre of the plate. A preliminary determination of the scale equivalent of the plates, depending on the focal length of the telescope, showed that one millimetre on the plate is less than a minute of arc by one part in 300. The rectangular co-ordinates derived as above have therefore all been diminished by $\frac{1}{300}$ th part of themselves, and the final formulæ for the rectangular co-ordinates derived from the measurement are

$$\begin{aligned} x &= I - \frac{1}{2}(R_1 + \frac{1}{2}\theta) - \frac{1}{300}[I - \frac{1}{2}(R_1 + \frac{1}{2}\theta)] \\ y &= I' + \frac{1}{2}(R'_1 + \frac{1}{2}\theta') - \frac{1}{300}[I' + \frac{1}{2}(R'_1 + \frac{1}{2}\theta')] \end{aligned}$$

A specimen of the computation form used is appended.

Measures of Co-ordinates—Catalogue Plates.

Plate 8616.

Date, 1905 October 11.

Réseau G. 50.

Measurers, T, NM.

$\delta_0 - 51^\circ$		Vertical.				Horizontal.				$\alpha \quad 0^h 6^m$
No.	Diameter	Black.	Line.	Sum.	Plate	Black.	Line.	Sum.	Plate	C.P.D. No.
Notes.		10 - Sum.	Equivalent.	Sum $\div 300$.	Corrections.	10 - Sum.	Equivalent.	Sum $\div 300$.	Corrections.	C.P.D. Mag.
1	2	Red.	$\frac{1}{2}$ Mean.	x .	x .	Red.	$\frac{1}{2}$ Mean.	y .	y .	Mean Diam.
		3	4	5	6	7	8	9	10	11
16	0.9	6.274	53, 54	-53.136	- .301	4.022	6, 7	+37.016	- .6	50.11905
*	0.8	- 2	-50	.177	- .15	+ 20	+35	.123	+ .22	10.4
		3.728	- 3.136	-52.959	-53.275	5.958	+ 2.016	+36.893	+36.909	0.85
199	1.0	7.264	34, 35	+41.368	- .248	7.688	17, 18	-16.154	+ .31	51.27
*	0.9	0	+45	.138	+ .7	+ 8	-20	.54	- .10	9.8
		2.736	- .3632	+41.230	+40.989	2.304	+ 3.846	-16.100	-16.079	0.95

In the first column are entered any notes made by the observer, usually by means of convenient symbols, and space is left for the entry of a rotation number following the order of the x co-ordinate throughout the plate.

Column 2 contains the measures of the diameters or estimates of density of images as the case may be.

The micrometer readings R_1 , R_2 are entered in the third column under the precepts "Black," "Red," and the quantity θ is inserted between them.

In the fourth column are entered the numbers of the réseau lines corresponding with the vertical or right ascension co-ordinate of the star image, and beneath them the equivalent of these readings in millimetres. Beneath this again is entered the quantity $-\frac{1}{2}(R_1 + \frac{1}{2}\theta)$ derived from the two first entries in column 3.

The fifth column contains the sum of the last two entries in the preceding column taken algebraically, viz., the quantity $I - \frac{1}{2}(R_1 + \frac{1}{2}\theta)$, and beneath it the quotient obtained by dividing it by 300. The numerical difference of these two quantities gives the co-ordinate x which is then inserted beneath them.

Columns 7, 8, 9, for the computation of the co-ordinate y , correspond exactly with columns 3, 4, 5. Columns 6 and 10 serve for the application of "plate constant" corrections derived in a manner to be hereafter explained.

The final column gives the number and magnitude of the star as identified in the C.P.D. and the mean diameter derived from the entries in column 2.

§ V.—CORRECTIONS FOR REFRACTION AND ABERRATION.

The corrections for differential refraction, as affecting the rectangular co-ordinates of star images on photographic plates, have been very fully developed by Kapteyn (*Bulletin du Comité Permanent*, t. iii, p. 71).

The significant terms may be expressed as follows:—

$$\Delta x = ax + by,$$

$$\Delta y = Ax + By,$$

where, with sufficient accuracy,

$$a = k' \sec^2 q,$$

$$b = k' \tan q (\tan p - \tan \delta),$$

$$A = k' \tan q (\tan p + \tan \delta),$$

$$B = k' \sec^2 p,$$

p , q being defined by the equations

$$\tan p = \tan \zeta \cos \omega,$$

$$\tan q = \tan \zeta \sin \omega,$$

where ζ , ω , δ denote respectively the zenith distance, parallactic angle and declination of the centre of the plate and k' is the constant of refraction, dependent on the readings of the barometer and thermometer.

It is convenient to divide each of these expressions for Δx , Δy into three parts as follows:—

$$\begin{aligned}\Delta x &= [Bx] + [by] + [(a-B)x], \\ \Delta y &= [By] - [bx] + [(A+b)x].\end{aligned}$$

Now the terms $[Bx]$, $[By]$ in Δx , Δy are evidently equivalent in effect to a variation of the scale equivalent of the réseau, while the second terms $[by]$, $[bx]$ are equivalent to a small change in the orientation of the axes of reference.

Hence we may ignore these terms provided we derive the instantaneous scale equivalent of the réseau and its orientation from the internal evidence afforded by the measures of star images independently for each plate.

The corrections expressed by the remaining terms are, however, of a different character and indicate a distortion of the field of view as represented on the plate.

Hence if we put

$$\begin{aligned}\alpha &= a - B = k' (\sec^2 q - \sec^2 p) = -k' \tan^2 \zeta \cos 2\omega, \\ \beta &= A + b = 2k' \tan p \tan q = k' \tan^2 \zeta \sin 2\omega,\end{aligned}$$

the distortional parts of the refraction, which need alone concern us, are given by

$$\Delta x = \alpha x, \quad \Delta y = \beta x.$$

Since α , β both contain $\tan^2 \zeta$ as a factor, and all the plates have been taken at small zenith distances, these corrections will always be small. They have been computed with a mean value of k' corresponding to average atmospheric conditions, as functions of the declination and hour angle of the plate centre at the middle of exposure. Within the limits of accuracy sought their variations, even for extreme atmospheric conditions, are quite insensible. The values used for plates with centres on the declination circle -51° are contained in the following table.

Refraction Table. ($\delta = -51^\circ$).

Hour Angle of Plate Centre.		α .	β .
h	m		
0	0	— 000027	000000
0	20	— 000025	+ 000013
0	40	— 000019	+ 000026
1	0	— 000009	+ 000038
1	20	+ 000005	+ 000048
1	40	+ 000024	+ 000056
2	0	+ 000047	+ 000062

The signs quoted are those appropriate for western hour-angles. For eastern hour-angles the sign of β must be reversed.

The expressions given by Kapteyn for the differential effects of aberration show that the principal parts of the aberration are equivalent in effect to a small variation

in the scale and orientation of the plate. The outstanding effects are of the second order in relation to the co-ordinates, and will be quite insensible for plates of the dimensions used. Thus the corrections due to aberration may be regarded as absorbed in those due to the scale and orientation of the plate.

§ VI.—COMPUTATION OF TABULAR CO-ORDINATES OF THE STANDARD STARS.

The tabular positions of the comparison stars used for the standardisation of the plates are contained in the *Cape Catalogue of 8560 Astrographic Standard Stars*, derived from meridian observations made with the transit circle during the years 1896–1899 inclusive.

For convenience in computation the star places were all referred to the epoch 1900·0 by means of the catalogue proper motions, zero values, however, being assigned to these proper motions where no determination was included in the catalogue.

The rectangular co-ordinates, together with their annual variations on account of proper motion, referred to ideal plate centres, were then computed by means of the formulæ given by Jacoby*, retaining terms as far as the third order. To facilitate this computation, auxiliary tables were prepared for each zone of plate centres. The tables used for zone -51° are given on p. xviii.

The tables have been derived from a slight modification of Jacoby's formulæ, involving the declination of the star (δ) instead of that of the plate centre.

In Jacoby's notation the quantities contained in the tables represent the terms

Table A ...	...	...	$(\frac{1}{2}\Delta\alpha\Delta\delta^2 \sin^2 \iota'' + A'_2 \Delta\alpha'') \cos \delta,$
Table B ...	...	...	$D'_1 \Delta\alpha^2,$
Table C ...	...	...	$D'_2 \Delta\alpha^2 \Delta\delta + D'_3 \Delta\delta^3;$

whence, $\Delta\alpha, \Delta\delta$, which denote the differences of the R.A. and declination of the star from those of the plate centre, being expressed in minutes of arc

$$\begin{aligned} x &= \Delta\alpha \cos \delta + \text{Table A}, \\ y &= \Delta\delta - \text{Table B} + \text{Table C}. \end{aligned}$$

Table A takes the sign of $\Delta\alpha$; Table C that of $\Delta\delta$ for figures in ordinary type and opposite to $\Delta\delta$ for italic figures.

The arguments involved in these tables will be apparent with the exception of the vertical argument in Table C. The argument here used and denoted by "B correction" is the quantity derived in the previous entry from Table B. The term $\Delta\alpha \cos \delta$ in x was computed with five figure logarithms.

* *Bulletin du Comité International Permanent*, t. iii., p. 3.

TABLE A. Unit 0'·001.

$\Delta\delta$ $\Delta\alpha \cos \delta$	0'	10'	20'	30'	40'	50'	60'	$\Delta\delta$ $\Delta\alpha \cos \delta$
0	0	0	0	0	0	0	0	0
10	0	0	0	0	1	1	2	10
20	0	0	0	1	1	2	3	20
30	0	0	0	1	2	3	5	30
40	0	1	1	2	3	5	6	40
50	1	1	2	3	4	6	8	50
60	1	2	3	4	5	7	10	60

TABLE B.

$\Delta\alpha$	0'	1'	2'	3'	4'	5'	6'	7'	8'	9'	$\Delta\alpha$
0	·000	·000	·000	·001	·001	·002	·003	·003	·005	·006	0
10	·007	·009	·010	·012	·014	·016	·018	·021	·023	·026	10
20	·028	·031	·034	·038	·041	·044	·048	·052	·056	·060	20
30	·064	·068	·073	·077	·082	·087	·092	·097	·103	·108	30
40	·114	·120	·125	·131	·138	·144	·150	·157	·164	·171	40
50	·178	·185	·192	·200	·207	·215	·223	·231	·239	·248	50
60	·256	·265	·273	·282	·291	·300	·310	·319	·329	·339	60
70	·348	·358	·369	·379	·389	·400	·411	·422	·432	·444	70
80	·455	·466	·478	·490	·502	·514	·526	·538	·551	·563	80
90	·576	·589	·602	·615	·628	·642	·655	·669	·683	·697	90

TABLE C. Unit 0'·001.

$\Delta\delta$ B Corr.	0'	10'	20'	30'	40'	50'	60'	$\Delta\delta$ B Corr.
·00	0	0	0	1	2	3	6	·00
·10	0	0	0	0	1	3	5	·10
·20	0	0	0	0	1	2	4	·20
·30	0	0	0	0	0	1	4	·30
·40	0	0	1	0	0	1	3	·40
·50	0	0	1	1	0	0	2	·50
·60	0	0	1	1	1	0	2	·60
·70	0	1	1	1	1	0	1	·70

With all necessary precision for zones so remote from the pole, the annual variations of x and y are expressed in minutes of arc as follows—

$$\mu_x = \frac{1}{4}\mu_a \cos \delta, \quad \mu_y = \frac{1}{80}\mu\delta,$$

where μ_a , $\mu\delta$ are the annual proper motions as contained in the catalogue, expressed in seconds of time and arc respectively.

§ VII.—DETERMINATION OF PLATE-CONSTANTS.

After applying to the co-ordinates, as measured on the plates, corrections on account of the distortional effects of differential refraction, it is necessary further to correct the measures on account of the imperfections in centring and orientation of the réseau and variations in the scale. For this purpose, it is necessary to introduce for each plate four additional constants, a , b , S , P , the corrections being expressible by means of the formulæ—

$$\begin{aligned}\Delta x &= a + Sx - Py, \\ \Delta y &= b + Px + Sy.\end{aligned}$$

The quantities a , b here denote the corrections for errors in centring, S denotes a scale correction, and P an orientation correction, the two latter including parts due to the effects of differential refraction and aberration not otherwise allowed for.

The measured co-ordinates, after application of all the corrections, take the form

$$\begin{aligned}x + a + (S + a)x - Py, \\ y + b + (P + \beta)x + Sy.\end{aligned}$$

The quantities a , b , S , P have now to be determined by a comparison of the measures with the computed co-ordinates of the standard stars derived from the meridian observations. Denoting as above the uncorrected photographic co-ordinates by x , y , and the corresponding co-ordinates derived from meridian observations for the epoch 1900 by x_m , y_m , the true co-ordinates at the epoch (1900 + t) of the plate, apart from accidental errors of measurement, may be expressed in either of the forms

$$\begin{aligned}x + a + (S + a)x - Py, \quad y + b + (P + \beta)x + Sy \\ \text{or} \quad x_m + \mu_x t, \quad y_m + \mu_y t.\end{aligned}$$

Equating the corresponding expressions and writing for brevity

$$\begin{aligned}x_m - x + \mu_x t - ax = m, \\ y_m - y + \mu_y t - \beta x = n,\end{aligned}$$

each standard star will yield a pair of equations of condition of the form

$$\begin{aligned}a + Sx - Py = m, \\ b + Px + Sy = n.\end{aligned}$$

The values of a , b , S , P for each plate have been derived by combining the series of the equations derived from all the standard stars on the plate by the method of least squares, giving each of the equations equal weight.

The least square solution may be somewhat simplified as follows :—

Denote by X , Y the co-ordinates of the centre of gravity of the standard stars on the plate so that $X = \frac{1}{\nu} \sum x$, $Y = \frac{1}{\nu} \sum y$, $\sum$ denoting summation with respect to all the standards, and ν denoting their number.

Then if we put

$$\begin{aligned}x - X &= \xi, & y - Y &= \eta \\ A &= a + SX - PY, & B &= b + PX + SY,\end{aligned}$$

so that

$$\Sigma \xi = 0, \quad \Sigma \eta = 0,$$

the equations of condition take the form

$$\begin{aligned}A + S\xi - P\eta &= m \\ B + P\xi + S\eta &= n.\end{aligned}$$

In virtue of the conditions $\Sigma \xi = 0$, $\Sigma \eta = 0$, the normal equations formed from the combination of these equations take the simple forms

$$\begin{aligned}\nu A &= \Sigma m, \\ \nu B &= \Sigma n, \\ \Sigma (\xi^2 + \eta^2) S &= \Sigma (m\xi + n\eta), \\ \Sigma (\xi^2 + \eta^2) P &= \Sigma (n\xi - m\eta).\end{aligned}$$

The two latter give the values of S and P , each with weight

$$\Sigma (\xi^2 + \eta^2),$$

and the two former A and B , each with weight ν .

a , b are then derived from the formulæ

$$\begin{aligned}a &= A - SX + PY, \\ b &= B - PX - SY.\end{aligned}$$

As an illustration take the case of a plate exposed on 1904 Feb. 3 on the region whose centre is at $6^h 18^m$ R.A. on the declination circle -51° . The sidereal time at the middle of the exposure was $6^h 7^m$.

From these data the refraction constants are derived as follows :—

$$\alpha = -0.00026, \quad \beta = -0.00007.$$

The plate contains 10 standard stars, the measured co-ordinates of which together with the computed corrections for the distortional parts of the refraction are :—

Catalogue No. of Star.	x.	y.	$\alpha X.$	$\beta X.$
2122	— 53.986	— 58.324	+ 0.001	...
2139	— 23.936	— 23.975	+ 0.001	...
2147	— 15.727	+ 41.094	...	...
2156	— 6.024	+ 9.114	...	...
2160	+ 1.905	— 44.743	...	...
2167	+ 13.965	— 11.141	...	...
2172	+ 21.848	+ 57.050	— 0.001	...
2183	+ 35.379	+ 31.387	— 0.001	...
2189	+ 46.297	— 47.137	— 0.001	...
2193	+ 50.044	— 4.979	— 0.001	...
	$X = + 6.976$	$Y = - 5.165$		

The co-ordinates computed from the meridian observations, together with their reductions on account of proper motion to the epoch of the photographic exposure, are :—

Catalogue No. of Star.	x^m .	y^m .	$\mu_x t$.	$\mu_y t$.
2122	— 54.110	— 58.550	...	...
2139	— 24.075	— 24.153	— 0.001	+ 0.001
2147	— 15.939	+ 40.965	— 0.001	+ 0.001
2156	— 6.216	+ 8.968	— 0.004	...
2160	+ 1.802	— 44.926	...	...
2167	+ 13.827	— 11.287	+ 0.001	+ 0.003
2172	+ 21.653	+ 56.963	— 0.002	+ 0.005
2183	+ 35.211	+ 31.284	— 0.002	+ 0.003
2189	+ 46.207	— 47.269	...	— 0.001
2193	+ 49.923	— 5.091	— 0.001	+ 0.009

From these data we derive the co-efficients and absolute terms of the equations of condition :—

Catalogue No. of Star.	Co-efficients.		m .	n .
	ξ .	η .		
2122	— 61	— 53	— 0.125	— 0.226
2139	— 31	— 19	— 0.141	— 0.177
2147	— 23	+ 46	— 0.213	— 0.128
2156	— 13	+ 14	— 0.196	— 0.146
2160	— 5	— 40	— 0.103	— 0.183
2167	+ 7	— 6	— 0.137	— 0.143
2172	+ 15	+ 62	— 0.196	— 0.082
2183	+ 28	+ 37	— 0.169	— 0.100
2189	+ 39	— 42	— 0.089	— 0.133
2193	+ 43	0	— 0.121	— 0.103
			$A = - 0.149$	$B = - 0.142$

whence

$$\Sigma(\xi^2 + \eta^2) = 23928,$$

$$\Sigma(m\xi + n\eta) = + 15.042,$$

$$\Sigma(n\xi - m\eta) = + 23.346,$$

and therefore

$$\begin{aligned} A &= - 0.149, B = - 0.142, S = + 0.00629, P = + 0.00976, \\ a &= A - SX + PY = - 0.158, b = B - PX - SY = - 0.145. \\ S + a &= + 0.00603, P + \beta = + 0.00969. \end{aligned}$$

Applying the corrections $a + (S + a)x - Py$ and $b + (P + \beta)x + Sy$ to the measured co-ordinates we find the final values of the photographic co-ordinates as follows :—

Catalogue No. of Star.	x .	y .	Δx .	Δy .
2122	— 54.119	— 58.558	— 0.009	— 0.008
2139	— 24.085	— 24.158	— 0.009	— 0.006
2147	— 15.934	+ 40.959	+ 0.006	— 0.007
2156	— 6.195	+ 8.969	+ 0.025	+ 0.001
2160	+ 1.792	— 44.914	— 0.010	+ 0.012
2167	+ 13.826	— 11.279	— 0.002	+ 0.005
2172	+ 21.647	+ 56.962	— 0.004	— 0.006
2183	+ 35.211	+ 31.296	+ 0.002	+ 0.009
2189	+ 46.213	— 47.267	+ 0.006	+ 0.003
2193	+ 49.921	— 5.079	— 0.001	+ 0.003

The two final columns give the residuals obtained by comparing the corrected photographic co-ordinates with those computed from meridian observations. From the sum of their squares we derive as the probable error corresponding to unit weight (*i.e.* that of a single equation of condition)

$$\pm 0.0064 = \pm 0''.38.$$

The corresponding result derived from a large number of plates amounts to about $\pm 0''.32$. The errors herein involved arise partly from the accidental errors of the photographic measures and partly from those of the meridian co-ordinates. Assuming that the probable errors of the meridian co-ordinates, including parts due to proper motion, amount to $\pm 0''.20$ it follows that the probable accidental error of measurement of a single co-ordinate as derived from the photographs is

$$\pm \sqrt{(0''.32)^2 - (0''.20)^2} = \pm 0''.25.$$

To facilitate the application of plate-constant corrections auxiliary tables were prepared for each plate giving the values of

- I. $a + (S + a)x$, (arg : x)
- II. $-Py$, (arg : y)
- III. $b + (P + \beta)x$, (arg : x)
- IV. $+Sy$, (arg : y)

The quantities I and II corresponding with each star were then inserted in column 6 of the form on p. xiv., and the quantities III and IV in column 10. The final co-ordinates x , y entered in the same columns are obtained by applying these corrections to the entries x , y in the columns immediately preceding.

The co-ordinates as thus derived are the rectangular co-ordinates contained in the present volume. The actual values of the plate constants used are given in the table on p. xxix.

§ VIII.—INTERCOMPARISON OF PLATES.

The results derived from different plates might be compared by referring them all to some common system of co-ordinates, *e.g.* right ascensions and declinations. The necessary transformations are, however, laborious, while the direct transformation from one rectangular co-ordinate system to another, corresponding with a different plate-centre, affords many facilities in manipulation. It is thus convenient to adopt as a system of reference, for comparison of results derived from the overlapping portions of two plates, the rectangular co-ordinate system of one or other of the two plates concerned.

The formulæ necessary for the transformation are derived in the Introduction to vol. i., p. xxxi.

§ IX.—CONTROL OBSERVATIONS.

Northern Half of -51° Zone.

Stars on the northern half of the Zone -51° (i.e. y , plus) have been verified, where possible, by comparison with the overlap of -50° zone, the co-ordinates on the latter having been reduced, by the methods of the preceding section, to the system of at least one overlapping plate of -51° . (See vol. x., p. xxiv.).

Stars whose positions were originally measured on one plate, but which were not represented among those measured on the overlapping plate, were, in the first instance, marked with the symbol M, or *m*, to denote 'missing.' The capital letter implies that the overlapping area which was examined for verification preceded in R.A., the small letter that it was in following R.A.

Where these symbols have been retained in the final tables of rectangular co-ordinates, it should be understood that the positions quoted represent isolated observations of the stars concerned, unsupported by additional evidence from overlapping areas. Two plates of the 50° zone may overlap the 51° plate when the x co-ordinate on the latter is less than $\pm 3'4$, and although M or *m* is retained the measures may have been verified by comparison with one of the plates.

In the case of the fainter stars no systematic attempt has been made at further verification, but the brighter stars have been subjected to additional examination by reference back to the plates.

No attempt has yet been made to convert the measures of diameter or estimates of intensity of the photographic images into a uniform scale of magnitude, and these measures or estimates themselves are accordingly quoted in the tables.

The quantity D quoted in the heading for each plate or at the head of column 4 on each page in the tables of rectangular co-ordinates is, however, roughly

estimated as the diameter (or intensity) which corresponds with a magnitude of 11.0 on the C.P.D. scale ; it further represents the limiting diameter on the plate for which a systematic attempt at verification has been made.

For all stars whose images attain or exceed this limiting intensity, and for fainter stars which have been examined, the original symbols M or *m* have been replaced by one or other of the following : A, B, C, D, E, F, *a*, *b*, *c*, *d*, *e*, *f*, α , β , γ , δ . The capital letters refer to an overlapping area whose centre precedes that of the plate under investigation, and the small letters to one which follows.

A or *a* indicates, that although the star was fainter than the limiting magnitude retained on the overlap, two images (1st and 2nd exposures) could be traced there in the required position.

B or *b* that the first image was visible, but that the second could not be seen.

C or *c* that the existence of the star image on the overlap could not be verified with certainty on account of the proximity of a réseau line, faults in the film, or similar causes.

D, or *d* that no trace of a star image could be seen.

In cases marked C, *c* or D, *d*, the existence of the star image on the original plate has been verified, and the measures and reductions carefully re-examined.

The symbols α , β , γ , δ , with a similar significance to A, B, C, D, or *a*, *b*, *c*, *d*, have been used where the position of the star image on the overlapping area lies on the margin outside the usual limits of measurement.

The symbols E, *e* indicate that measures of a star, not represented on the normal quadrantal overlap, have been found on the marginal overlap of an adjacent plate in the same zone of declination, but of different R.A.

In like manner, the symbols F, *f* indicate that the existence of the star has been verified and its co-ordinates checked from the marginal areas of a plate whose centre is in the opposite direction in declination from that of the normal quadrantal overlap on which verification was first sought.

In cases marked E, *e* or F, *f*, no further verification by reference to the plates themselves has been considered necessary.

Southern Half of -51° Zone.

As the Cape plates do not extend beyond $52^\circ 0'$ no overlaps are available for control of the southern half of the -51° plates (γ , minus). Measures common to lateral overlaps have been compared ; these are marked *e* on the preceding and E on the following plate.

Where no overlap was available for checking the measures and reductions, the following method was used as a check. By means of the derived orientation error, the plate was correctly oriented in the measuring machine. The co-ordinates of the corners of the réseau squares were computed from the plate constants; the micrometer was set on the corner of a réseau square and adjusted so that the readings agreed with the computed co-ordinates. The micrometer readings, when set on any star in that square, then gave directly the final values of x and y for that star.

For images of the adopted 11.0 magnitude and brighter, discordances greater than 0.010 between the original and check measures have been investigated; for good images fainter than this magnitude agreement within 0.015 was considered satisfactory.

No attempt was made to verify measures of images which in the opinion of the revisers were too poor and should not have been measured originally. These cases are marked p in column 5.

§ X.—PERSONAL.

The work here dealt with was planned and commenced under the direction of Sir David Gill, who retired from the directorship of the Observatory on 20th February 1907. Since this date the work has been continued under my directorship on similar lines.

The distribution of the work amongst the permanent and temporary members of the staff has been as follows.

The revised series of catalogue plates dealt with in this volume was commenced in 1897, under the supervision of Mr. J. Lunt, B.Sc. After September, 1898, Mr. Lunt was transferred exclusively to the Astrophysical Department, and the control of the photography and development placed in charge of Mr. C. R. Woods. On his retirement in 1901 March, Mr. Woods was succeeded by Mr. R. Woodgate, who has continued to supervise the photography till its completion.

As a rule, the development of the plates was performed by these officers, but several computers have also assisted in the exposure at the telescope, and occasionally in the developing room.

In the table giving particulars of the separate plates, the name of the observer at the telescope is indicated by initials, to be interpreted as follows :—

Jackson, J. W.	...	...	1904 Feb. 29—end of work,	J.J.	26
Jeffries, C. W.	...	...	1903 Mar. 19—1904 Dec. 23,	J.	38
Johns, G. F.	...	...	1899 Sept. 16—1901 Jan. 17,	G.J.	8
Mullis, H. F.	...	...	1901 Sept. 17—1904 Mar. 16,	M.	25
Whittingdale, W.	...	...	1902 May 27—1903 Jan. 14,	W.W.	1
Woodgate, R.	...	...	1901 Mar. 9—end of work,	W.	22

The distribution of the work for the zone -51° is indicated by the number of plates given in the last column.

The measurement of the plates was conducted by a staff of lady computers under the control of Miss M. Bowman from the commencement until 1902 March 27, and subsequently under the control of Miss E. van der Lingen. The same computers have throughout assisted in the more routine parts of the reductions and in the very heavy clerical work involved in preparing the work for press. The following is a list of those who have taken part in the measurement, together with the initials by which they are referred to in the table on pp. xxix-xxxi and in the Catalogue :—

Miss M. Backwell	...	...	...	M.B.	1905 Sept. 1—1911 Nov. 30.
„ M. Coates	...	...	...	M.C.	1902 Sept. 1—end of work
„ N. Crosby	...	...	...	C.	{ 1904 Apr. 1—1905 Nov. 15. { 1906 Apr. 1—1914 Feb. 15.
„ N. Maclear	...	...	...	N.M.	{ 1902 Oct. 1—1904 Mar. 31. { 1906 Mar. 1—1909 June 30.
„ H. Twamley	...	...	...	T.	1906 Jan. 1—1911 Aug. 31.
„ E. van der Lingen	...	...	...	L.	1902 Mar. 1—1911 Sept. 30.

Misses Beattie, Carney, Duncan, Sampson, Stephens, and Wilson have assisted in the reductions but have taken no part in the measurement.

The examination of the reductions, the computation of plate-constants, the preparation of the results for press, the onerous intercomparison and examination of overlapping areas have been supervised by Mr. J. Power, who has been indefatigable in his endeavours to accelerate the work and to secure the greatest accuracy in detail. In addition to clerical assistance from the lady computers mentioned above, the following computers, acting immediately under Mr. Power's control, have from time to time taken part in the computational work :—

Mr. R. W. Cheeseman.	Mr. F. H. Scragg.
„ R. Fowler.	„ J. A. Simpson.
„ H. Garrett.	„ W. Whittingdale.
„ J. W. Jackson.	„ A. J. Wilkin.
„ H. F. Mullis.	„ F. H. Williams.
„ J. A. J. Pead.	„ R. Williams.
„ J. H. Peirce.	„ J. C. Wood.

The examination of the plates for discordant or missing stars on overlapping areas and the remeasurement of the southern half of the plates have been conducted by Messrs. Peirce, Wilkin and Miss Coates.

§ XI.—LIST OF PLATES.

The following table gives details of the separate plates dealt with in this volume.

Column 1 gives the rotation number in the zone and column 2 the R.A. of the centre of the plate.

Column 3 gives the rotation number of the plate from the diary of observations at the photographic telescope.

Column 4 gives the date of exposure of the photograph and column 5 the initials of the photographer, as indicated on p. xxvi.

Columns 6 and 7 give respectively the sidereal time and hour angle of the centre of the plate at the middle of the exposure.

Column 8 gives the state of the definition as recorded by the observer, the best conditions being denoted by 1 and the worst possible observing conditions by 4, intermediate or variable conditions by intermediate numbers or combinations of numbers.

Column 9 gives the distinguishing mark on the réseau used.

Column 10 gives the date on which the measurements were made, or in the case of the fuller plates, for some of which the measures extended over several days, an approximate mean date.

Column 11 gives the initials of the observers who made the measures, to be interpreted as on p. xxvi.

Column 12 indicates which of the two micrometers (I or II) was used.

Columns 13-18 contain the plate-constants, derived by the method of § VII, which have been employed in reducing the measures. These include the parts due to differential refraction and aberration.

Column 19 gives the number of standard stars used for the determination of these plate-constants.

ZONE-51°. Details of Plates.

No.	a ₀	Plate	Exposed		Mean Sid. Time	Hour Angle	Def	Réseau	Measured		Micrometer	Plate constants applied						Standards
			on	by					on	by		a	S + a	- P	b	P + β	S	
1	h m	8616	1905 Oct. 11	W	23 39	E 0 27	3	G 50	1909 Mar. 23	T, NM	II.	-0.271	+0.000568	-0.000417	+0.0015	+0.000399	+0.000591	13
2	18	8617	1905 Oct. 11	W	23 56	E 0 22	3	G 50	1909 Mar. 24	NM, T	II.	-0.289	+0.590	-0.562	+0.070	+0.548	+0.614	13
3	30	8618	1905 Oct. 11	W	0 13	E 0 17	3-4	G 50	1909 Mar. 27	T, NM	II.	-0.247	+0.501	-0.451	+0.099	+0.440	+0.526	12
4	42	8177	1904 Nov. 19	J	1 4	W 0 22	3	G 50	1909 Mar. 30	NM, T	II.	-0.111	+0.561	-0.905	+0.160	+0.919	+0.585	14
5	54	8178	1904 Nov. 19	J	1 17	W 0 23	3	G 50	1909 Apr. 6	T, NM	II.	-0.155	+0.596	-0.464	+0.021	+0.479	+0.620	11
6	I 6	8702	1905 Dec. 9	JJ	1 13	W 0 7	3	G 50	1909 Apr. 7	NM, T	II.	+0.256	+0.407	-0.2554	+0.002	+0.2558	+0.433	10
7	18	8168	1904 Nov. 17	J	1 5	E 0 13	3	G 50	1909 Apr. 10	T, NM	II.	-0.030	+0.533	-0.533	+0.040	+0.525	+0.559	10
8	30	8169	1904 Nov. 17	J	1 19	E 0 11	3	G 50	1909 Apr. 13	NM, T	II.	+0.057	+0.745	+0.320	+0.006	+0.327	+0.771	9
9	42	8170	1904 Nov. 17	J	1 33	E 0 9	3	G 50	1909 Apr. 14	NM, MC	II.	-0.124	+0.703	-0.1538	+0.051	+0.1532	+0.729	10
10	54	8171	1904 Nov. 17	J	1 46	E 0 8	3	G 50	1909 Apr. 15	MC, NM	II.	-0.129	+0.672	-0.565	+0.007	+0.560	+0.698	11
11	2 6	8696	1905 Dec. 5	JJ	2 47	W 0 41	3	G 50	1909 Apr. 17	NM, MC	II.	+0.377	+0.547	-0.461	+0.126	+0.488	+0.566	11
12	18	8180	1904 Nov. 19	J	1 45	E 0 33	3	G 50	1909 Apr. 20	T, MC	II.	-0.130	+0.547	-0.653	+0.046	+0.632	+0.568	12
13	30	8194	1904 Nov. 25	J	1 50	E 0 40	3	G 50	1909 Apr. 20	MC, T	II.	-0.111	+0.631	-0.1243	+0.084	+0.1217	+0.650	11
14	42	8195	1904 Nov. 25	J	2 4	E 0 38	3	G 50	1909 Apr. 22	T, MC	II.	+0.197	+0.659	-0.647	+0.103	+0.622	+0.679	14
15	54	8252	1904 Dec. 21	W	2 23	E 0 31	3-4	G 50	1909 Apr. 23	MC, T	II.	-0.286	+0.673	-0.766	+0.098	+0.746	+0.695	10
16	3 6	8197	1904 Nov. 25	J	2 31	E 0 35	3	G 50	1909 Apr. 24	T, MC	II.	-0.135	+0.636	-0.1311	+0.079	+0.1288	+0.657	10
17	18	8253	1904 Dec. 21	W	2 39	E 0 39	3-4	G 50	1909 Apr. 27	MC, T	II.	-0.193	+0.629	-0.816	+0.115	+0.790	+0.648	12
18	30	8254	1904 Dec. 22	JJ	2 26	E 1 4	2-3	G 50	1909 Apr. 28	T, MC	II.	-0.106	+0.555	-0.744	+0.059	+0.704	+0.561	13
19	42	8255	1904 Dec. 22	JJ	2 40	E 1 2	2-3	G 50	1909 Apr. 30	MC, T	II.	-0.182	+0.713	-0.895	+0.234	+0.856	+0.721	12
20	54	8256	1904 Dec. 22	JJ	2 54	E 1 0	2-3	G 50	1909 May 3	T, MC	II.	-0.304	+0.634	-0.2719	+0.162	+0.2681	+0.643	11
21	4 6	8257	1904 Dec. 22	JJ	3 11	E 0 55	2-3	G 50	1909 May 4	MC, T	II.	-0.251	+0.745	-0.920	+0.043	+0.885	+0.756	9
22	18	8258	1904 Dec. 22	JJ	3 28	E 0 50	2-3	G 50	1909 May 6	T, MC	II.	-0.169	+0.651	-0.1155	+0.018	+0.1123	+0.665	11
23	30	8259	1904 Dec. 22	JJ	3 43	E 0 47	3	G 50	1909 May 7	MC, T	II.	-0.269	+0.464	-0.984	+0.084	+0.954	+0.479	10
24	42	8260	1904 Dec. 22	JJ	3 59	E 0 43	3-4	G 50	1909 May 11	T, MC	II.	-0.224	+0.661	-0.1027	+0.017	+0.999	+0.678	12
25	54	8261	1904 Dec. 22	JJ	4 13	E 0 41	3-4	G 50	1909 May 12	MC, T	II.	-0.075	+0.644	-0.344	+0.087	+0.317	+0.663	10
26	5 6	8262	1904 Dec. 22	JJ	4 29	E 0 37	3	G 50	1909 May 14	MC, MB	II.	-0.187	+0.755	-0.1445	+0.006	+0.1421	+0.775	11
27	18	8291	1905 Jan. 16	JJ	5 16	E 0 2	4-3	G 50	1909 May 16	MB, MC	II.	-0.279	+0.537	-0.979	+0.082	+0.978	+0.564	9
28	30	8292	1905 Jan. 16	JJ	5 31	W 0 1	4-3	G 50	1909 May 22	MC, MB	II.	-0.170	+0.649	-0.1063	+0.159	+0.1064	+0.676	12
29	42	8206	1904 Nov. 28	JJ	5 25	E 0 17	4-3	G 50	1909 May 27	MB, MC	II.	-0.056	+0.737	-0.333	+0.066	+0.344	+0.762	12
30	54	7746	1904 Feb. 3	M	5 47	E 0 7	3-4	G 50	1909 May 29	MC, MB	II.	-0.148	+0.432	-0.628	+0.127	+0.633	+0.458	13
31	6 6	7747	1904 Feb. 3	M	5 58	E 0 8	3-4	G 50	1909 June 2	MB, MC	II.	-0.176	+0.411	-0.404	+0.151	+0.409	+0.437	12
32	18	7748	1904 Feb. 3	M	6 7	E 0 11	3-4	G 50	1909 June 4	MC, MB	II.	-0.158	+0.590	-0.976	+0.145	+0.969	+0.616	10
33	30	7787	1904 Mar. 10	J	6 27	E 0 3	3	G 50	1909 June 7	MC, MB	II.	+0.119	+0.497	-0.2817	+0.256	+0.2819	+0.524	10
34	42	7788	1904 Mar. 10	J	6 39	E 0 3	3	G 50	1909 June 10	MB, MC	II.	-0.288	+0.450	-0.296	+0.251	+0.294	+0.477	13
35	54	7757	1904 Feb. 10	M	6 40	E 0 14	3	G 50	1909 June 12	MC, MB	II.	-0.159	+0.572	-0.487	+0.373	+0.496	+0.598	12
36	7 6	7758	1904 Feb. 10	M	6 50	E 0 16	3	G 50	1909 June 15	MB, MC	II.	-0.353	+0.733	-0.40	+0.232	+0.30	+0.758	11
37	18	7759	1904 Feb. 10	M	6 59	E 0 19	2-3	G 50	1909 June 18	MC, MB	II.	-0.235	+0.610	-0.67	+0.299	+0.55	+0.635	11
38	30	7310	1903 Mar. 9	W	6 53	E 0 37	3-4	G 50	1909 June 22	MB, MC	II.	-0.096	+0.522	-0.194	+0.486	+0.170	+0.542	14
39	42	7311	1903 Mar. 9	W	7 10	E 0 32	3-4	G 50	1909 June 28	MC, MB	II.	-0.239	+0.623	-0.243	+0.058	+0.222	+0.644	12
40	54	7812	1904 Mar. 28	W	7 54	0 0	3	G 50	1909 July 3	MB, MC	II.	-0.145	+0.666	-0.704	+0.101	+0.704	+0.693	12
41	8 6	7320	1903 Mar. 19	J	7 33	E 0 33	3	G 50	1909 July 6	MC, MB	II.	-0.047	+0.570	-0.3	+0.202	+0.24	+0.591	10
42	18	7340	1903 Apr. 8	M	8 13	E 0 5	3-4	G 50	1909 July 11	MC, MB	II.	+0.001	+0.596	-0.424	+0.132	+0.421	+0.622	12
43	30	7341	1903 Apr. 8	M	8 29	E 0 1	3-4	G 50	1909 July 16	MB, MC	II.	-0.043	+0.500	-0.87	+0.155	+0.86	+0.527	13
44	42	7342	1903 Apr. 8	M	8 44	W 0 2	3-4	G 50	1909 July 20	MC, MB	II.	-0.149	+0.357	-0.277	+0.078	+0.278	+0.384	12
45	54	7343	1903 Apr. 8	M	9 2	W 0 8	3-4	G 50	1909 July 26	MB, MC	II.	+0.023	+0.605	-0.15	+0.056	+0.10	+0.631	11
46	9 6	7799	1904 Mar. 16	M	8 56	E 0 10	2-3	G 50	1909 Aug. 1	MC, MB	II.	-0.066	+0.548	-0.624	+0.141	+0.630	+0.574	10
47	18	7300	1903 Feb. 13	M	8 53	E 0 25	3	G 50	1909 Aug. 6	MB, MC	II.	-0.127	+0.570	-0.392	+0.460	+0.376	+0.593	11
48	30	7800	1904 Mar. 16	M	9 7	E 0 23	2-3	G 50	1909 Aug. 10	MC, MB	II.	-0.243	+0.611	-0.125	+0.057	+0.110	+0.635	13
49	42	7367	1903 Apr. 30	M	9 54	W 0 12	3	G 50	1909 Aug. 16	MB, MC	II.	-0.103	+0.558	-0.737	+0.067	+0.745	+0.584	13
50	54	7368	1903 Apr. 30	M	10 15	W 0 21	3	G 50	1909 Aug. 21	MC, MB	II.	-0.008	+0.471	-0.1514	+0.121	+0.1528	+0.496	11

1, 2, 3. Gusty wind.

12. Cloudy.

37. Strong wind.

47. Foggy and cloudy. Hand control only.

ZONE—51°. *Details of Plates.*

No.	α°	Plate	Exposed		Mean Sid. Time	Hour Angle	Def	Réseau	Measured		Micrometer	Plate constants applied						Standards
			on	by					on	by		a	S+α	-P	b	P+β	S	
51	h m	7312	1903 Mar. 9	W	9 19	E 0 47	3	G 50	1909 July 27	L, C	I.	-0.016	+0.00607	+0.000212	+0.338	-0.00242	+0.000625	II
52	18	7313	1903 Mar. 9	W	9 43	E 0 35	3-4	G 50	1909 Aug. 6	L, C	I.	-0.032	+0.569	+0.659	-0.120	-0.682	+0.589	10
53	30	9397	1910 May 13	W	9 58	E 0 32	2-3	G 50	1910 Oct. 29	L, MC	I.	-0.265	+0.318	+0.103	-0.163	-0.83	+0.339	II
54	42	7820	1904 Mar. 31	J	9 19	E 1 23	3	G 50	1909 Aug. 7	C, T	I.	-0.224	+0.579	-0.261	-0.015	+0.212	+0.572	II
55	54	5876	1900 May 20	GJ	11 20	W 0 26	1-2	G x	1909 Aug. 11	T, C	I.	-0.270	+0.369	-0.1268	-0.134	+0.1285	+0.392	10
56	II 6	7376	1903 May 18	M	11 2	E 0 4	3-4	G 50	1909 Aug. 20	L, C	I.	-0.117	+0.506	+0.141	+0.037	-0.143	+0.533	II
57	18	7377	1903 May 18	M	11 17	E 0 1	3-4	G 50	1909 Aug. 24	L, C	I.	-0.086	+0.532	+0.223	+0.031	-0.224	+0.559	13
58	30	7349	1903 Apr. 14	M	11 30	0 0	3	G 50	1909 Sept.	L, C	I.	+0.003	+0.505	+0.459	+0.222	-0.459	+0.532	12
59	42	5889	1900 May 29	GJ	12 7	W 0 25	1-2	G x	1909 Oct. 14	L, C	I.	-0.069	+0.376	-0.1100	-0.210	+0.1116	+0.399	14
60	54	5888	1900 May 29	GJ	11 55	W 0 1	1-2	G x	1909 Oct. 26	L, C	I.	-0.223	+0.306	-0.1700	-0.186	+0.1701	+0.333	II
61	12 6	5895	1900 June 1	GJ	12 6	0 0	1	G x	1908 Aug. 29	L, C	I.	-0.122	+0.442	-0.1422	-0.103	+0.1422	+0.469	II
62	18	7350	1903 Apr. 14	M	11 47	E 0 31	3	G 50	1908 Sept. 1	L, C	I.	+0.106	+0.556	+0.340	+0.177	-0.360	+0.578	II
63	30	7351	1903 Apr. 14	M	12 5	E 0 25	3	G 50	1908 Sept. 5	L, C	I.	+0.016	+0.546	+0.132	+0.142	-0.148	+0.569	II
64	42	7863	1904 May 3	J	11 40	E 1 2	3	G 50	1908 Sept. 8	L, C	I.	-0.201	+0.675	+0.8	-0.025	-0.47	+0.683	10
65	54	7880	1904 May 21	JJ	13 28	W 0 34	3	G 50	1908 Sept. 11	L, C	I.	-0.173	+0.651	+0.84	-0.050	-0.62	+0.672	II
66	13 6	5921	1900 June 22	GJ	13 33	W 0 27	2	G x	1908 Sept. 14	L, C	I.	-0.235	+0.242	+0.22	-0.097	-0.4	+0.265	12
67	18	7865	1904 May 3	J	12 4	E 1 14	3	G 50	1908 Sept. 16	L, C	I.	-0.224	+0.704	-0.438	-0.018	+0.393	+0.705	12
68	30	5923	1900 June 22	GJ	13 56	W 0 26	2	G x	1908 Sept. 18	L, C	I.	+0.073	+0.374	+0.496	-0.011	-0.479	+0.397	13
69	42	5891	1900 May 29	GJ	13 53	W 0 11	1-2	G x	1909 Nov. 3	L, C	I.	-0.135	+0.313	-0.3796	-0.481	+0.3803	+0.339	13
70	54	7879	1904 May 21	JJ	13 10	E 0 44	3	G 50	1908 Sept. 19	L, C	I.	-0.311	+0.639	+0.341	+0.002	-0.369	+0.656	10
71	14 6	7882	1904 May 21	JJ	14 10	W 0 4	3	G 50	1908 Sept. 29	L, C	I.	-0.098	+0.596	+0.605	-0.128	-0.603	+0.623	12
72	18	7420	1903 June 12	M	13 56	E 0 22	3	G 50	1908 Oct. 1	L, C	I.	-0.359	+0.623	+0.510	+0.460	-0.524	+0.647	II
73	30	7421	1903 June 12	M	14 12	E 0 18	3	G 50	1908 Oct. 21	L, C	I.	-0.085	+0.483	+0.660	+0.461	-0.672	+0.508	12
74	42	7422	1903 June 12	M	14 29	E 0 13	2-3	G 50	1908 Oct. 28	L, C	I.	-0.150	+0.523	+0.723	+0.377	-0.731	+0.549	10
75	54	7423	1903 June 12	M	14 58	W 0 4	2-3	G 50	1908 Nov. 2	L, C	I.	-0.148	+0.329	+0.743	+0.365	-0.741	+0.356	II
76	15 6	6927	1902 June 24	M	14 32	E 0 34	3-4	G 50	1908 Nov. 8	L, C	I.	-0.370	+0.578	+0.532	+0.240	-0.554	+0.599	10
77	18	5884	1900 May 27	GJ	15 33	W 0 15	1-2	G x	1908 Nov. 13	L, C	I.	-0.243	+0.354	-0.995	-0.112	+0.1005	+0.379	II
78	30	7461	1903 July 8	W	14 28	E 1 2	3	G 50	1908 Nov. 21	L, C	I.	-0.215	+0.563	+0.1316	-0.053	-0.1355	+0.571	10
79	42	7462	1903 July 8	W	14 40	E 1 2	3	G 50	1908 Dec. 22	L, C	I.	-0.268	+0.769	+0.1144	+0.007	-0.1183	+0.777	II
80	54	7463	1903 July 8	W	14 50	E 1 4	3	G 50	1909 Jan. 10	L, MC	I.	-0.090	+0.576	+0.1059	-0.012	-0.1099	+0.582	10
81	16 6	7464	1903 July 8	W	15 0	E 1 6	3-4	G 50	1909 Jan. 19	L, MC	I.	-0.197	+0.642	+0.1170	-0.060	-0.1211	+0.646	9
82	18	7982	1904 July 25	J	15 36	E 0 42	3	G 50	1909 Feb. 10	L, MC	I.	-0.396	+0.627	+0.382	-0.090	-0.409	+0.647	10
83	30	7968	1904 July 22	J	15 14	E 1 16	3	G 50	1909 Feb. 16	L, MC	I.	-0.441	+0.757	-0.569	-0.081	+0.523	+0.755	10
84	42	9407	1910 June 24	W	16 6	E 0 36	3	G 50	1910 Nov. 12	L, MC	I.	+0.056	+0.490	+0.2528	-0.185	-0.2504	+0.510	9
85	54	7983	1904 July 25	J	15 52	E 1 2	3	G 50	1909 Mar. 8	L, C	I.	-0.428	+0.644	-0.714	-0.059	+0.675	+0.652	10
86	17 6	7984	1904 July 25	J	16 8	E 0 58	3	G 50	1909 Mar. 18	MC, C	I.	-0.381	+0.703	-0.505	-0.009	+0.468	+0.713	10
87	18	7985	1904 July 25	J	16 27	E 0 51	3	G 50	1909 Mar. 26	MC, C	II.	-0.334	+0.730	-0.274	-0.023	+0.241	+0.744	10
88	30	8386	1905 May 6	JJ	16 50	E 0 40	3	G 50	1909 Apr. 1	MC, C	I.	+0.007	+0.721	+0.895	-0.132	-0.921	+0.740	8
89	42	7987	1904 July 25	J	16 59	E 0 43	3	G 50	1909 Apr. 10	MC, C, L	I.	-0.369	+0.665	-0.206	-0.005	+0.178	+0.683	10
90	54	7988	1904 July 25	J	17 18	E 0 36	3	G 50	1909 Apr. 19	L, C	I.	-0.365	+0.421	-0.259	+0.209	+0.236	+0.441	8
91	18 6	7539	1903 Aug. 31	J	17 37	E 0 29	3	G 50	1909 Apr. 26	L, C	I.	-0.282	+0.592	+0.838	-0.095	-0.857	+0.614	9
92	18	7540	1903 Aug. 31	J	17 49	E 0 29	3	G 50	1909 May 2	L, C	I.	-0.152	+0.597	-0.870	+0.381	+0.851	+0.619	9
93	30	7541	1903 Aug. 31	J	18 2	E 0 28	3	G 50	1909 May 8	L, C	I.	-0.118	+0.713	+0.1769	-0.041	-0.1788	+0.736	10
94	42	7542	1903 Aug. 31	J	18 15	E 0 27	3	G 50	1909 May 12	L, C	I.	-0.290	+0.586	+0.1681	+0.425	-0.1699	+0.609	II
95	54	7989	1904 July 25	J	17 33	E 1 21	3	G 50	1909 May 18	L, C	I.	-0.401	+0.739	+0.63	-0.039	-0.111	+0.733	II
96	19 6	8500	1905 July 14	JJ	18 18	E 0 48	3-4	G 50	1909 May 26	L, C	I.	-0.034	+0.595	+0.183	+0.120	-0.214	+0.610	II
97	18	7991	1904 July 25	J	18 1	E 1 17	3	G 50	1909 June 5	L, C	I.	-0.260	+0.820	+0.76	-0.160	-0.123	+0.816	II
98	30	9409	1910 Sept. 15	W	19 5	E 0 25	2-3	G 50	1910 Nov. 19	L, MC	I.	-0.012	+0.286	+0.2437	-0.081	-0.2421	+0.310	10
99	42	7547	1903 Aug. 31	J	19 16	E 0 26	3	G 50	1909 June 13	L, C	I.	-0.007	+0.543	+0.2774	+0.227	-0.2791	+0.566	II
100	54	8510	1905 July 18	JJ	18 38	E 1 16	3-4	G 50	1909 June 16	L, C	I.	-0.027	+0.604	+0.218	+0.188	-0.264	+0.602	10

53, 84, 98. Constants computed with error of sign in Hour Angle, viz. W 0^h 32^m, W 0^h 36^m, W 0^h 25^m.

78. Guiding star extremely faint.

ZONE -51°. Details of Plates.

No.	α_0	Plate	Exposed		Mean Sid. Time	Hour Angle	Def	Réseau	Measured		Micrometer	Plate constants applied						Standards
			on	by					on	by		a	$S + a$	$-P$	b	$P + \beta$	S	
101	h m 20 6	7549	1903 Aug. 31	J	h m 19 48	h m E 0 18	3	G 50	1909 June 18	L, C	I.	-0'333	+000657	+000275	+0'434	-000287	+000682	10
102	18	7550	1903 Aug. 31	J	19 59	E 0 19	3	G 50	1909 June 20	L, C	I.	-0'352	+628	-584	+0'172	+572	+653	11
103	30	7629	1903 Oct. 1	J	20 29	E 0 1	3	G 50	1909 June 23	L, C	I.	-0'188	+495	-383	+0'221	+383	+522	11
104	42	7630	1903 Oct. 1	J	20 43	W 0 1	3	G 50	1909 June 27	L, MC, C	I.	-0'270	+523	-517	+0'229	+517	+550	12
105	54	8515	1905 July 19	W	20 4	E 0 50	3	G 50	1909 June 30	L, C	I.	-0'180	+602	+510	+0'118	-542	+616	10
106	21 6	8516	1905 July 19	W	20 20	E 0 46	3	G 50	1909 July 2	L, C	I.	+0'294	+641	+662	+0'198	-692	+657	11
107	18	8520	1905 July 19	W	21 25	W 0 7	3	G 50	1909 July 3	L, C	I.	-0'326	+716	+394	+0'014	-389	+742	11
108	30	7061	1902 Oct. 2	WW	20 36	E 0 54	3	G 50	1909 July 8	L, C	I.	+0'196	+423	+1119	+0'041	-1153	+435	11
109	42	8494	1905 July 12	JJ	21 31	E 0 11	3	G 50	1909 July 9	L, C	I.	-0'122	+761	+203	+0'156	-210	+787	11
110	54	8495	1905 July 12	JJ	21 46	E 0 8	3	G 50	1909 July 10	L, C	I.	-0'115	+748	+769	+0'184	-774	+774	9
111	22 6	7670	1903 Oct. 28	J	21 58	E 0 8	3	G 50	1909 July 12	L, C	I.	+0'069	+498	+72	+0'156	-77	+524	10
112	18	7671	1903 Oct. 28	J	22 11	E 0 7	3	G 50	1909 July 13	L, C	I.	-0'053	+588	+359	-0'055	-364	+614	12
113	30	7672	1903 Oct. 28	J	22 22	E 0 8	3	G 50	1909 July 14	L, C	I.	-0'022	+650	-350	+0'090	+345	+676	10
114	42	7673	1903 Oct. 28	J	22 36	E 0 6	3	G 50	1909 July 15	L, C	I.	+0'021	+176	+748	-0'114	-752	+202	11
115	54	8603	1905 Oct. 10	JJ	21 52	E 1 2	3	G 50	1909 July 16	L, C	I.	-0'257	+391	+2426	+0'554	+2387	+399	12
116	23 6	8607	1905 Oct. 10	JJ	22 58	E 0 8	3	G 50	1909 July 20	L, C	I.	-0'219	+475	+5	-0'182	-10	+501	10
117	18	8563	1905 Sept. 16	JJ	23 19	W 0 1	4-3	G 50	1909 July 21	L, C	I.	-0'417	+443	+1767	+0'331	+1767	+470	12
118	30	8612	1905 Oct. 11	W	22 34	E 0 56	2-3	G 50	1909 July 22	L, C	I.	-0'244	+530	-324	-0'023	+288	+541	11
119	42	8610	1905 Oct. 10	JJ	23 48	W 0 6	3	G 50	1909 July 23	L, C	I.	-0'312	+476	+2106	+0'321	+2110	+502	12
120	54	8615	1905 Oct. 11	W	23 21	E 0 33	3	G 50	1909 July 24	L, C	I.	-0'203	+398	-172	+0'007	+151	+419	8

102. Slight dew on object. 108. Cloudy. 115, 116. Gusty wind. 116. Guiding star faint. 118, 119, 120. Gusty wind.

§ XII.—FORMULÆ FOR THE CONVERSION OF CO-ORDINATES.

If α_0 , δ_0 denote the R.A. and Declination of a plate centre, α , δ the true R.A. and Declination of a star whose rectangular co-ordinates, expressed in minutes of arc, are denoted by x , y , the rigorous formulæ connecting the quantities α , δ with x , y may be expressed by means of an auxiliary angle ϕ , in the form

$$\begin{aligned}\tan(\alpha - \alpha_0) &= x \sec \phi \tan 1' \cos(\phi - \delta_0), \\ \tan \delta &= \tan \phi \cos(\alpha - \alpha_0),\end{aligned}$$

where

$$\tan(\phi - \delta_0) = y \tan 1'.$$

Let

$$\tan \theta = x \tan 1' \sec \phi.$$

Then we have

$$\begin{aligned}\tan(\alpha - \alpha_0) &= \tan \theta \cos(\phi - \delta_0), \\ \tan \delta &= \tan \phi \cos(\alpha - \alpha_0),\end{aligned}$$

from which the following developments may be derived

$$\begin{aligned}\alpha - \alpha_0 &= \theta - \tan^2 \frac{1}{2}(\phi - \delta_0) \sin 2\theta + \frac{1}{2} \tan^4 \frac{1}{2}(\phi - \delta_0) \sin 4\theta + \dots \\ \delta &= \phi - \tan^2 \frac{1}{2}(\alpha - \alpha_0) \sin 2\phi + \frac{1}{2} \tan^4 \frac{1}{2}(\alpha - \alpha_0) \sin 4\phi + \dots\end{aligned}$$

Since $\phi - \delta$, θ are of the order of x and y , on neglecting terms of the 4th and higher orders these formulæ take the approximate forms

$$\alpha - \alpha_0 = \theta - \frac{1}{2}\theta (y^2 \tan^2 \mathbf{r}'),$$

$$\delta - \delta_0 = \phi - \frac{1}{2}x^2 \frac{\tan^2 \mathbf{r}'}{\tan^2 \mathbf{r}''} \tan \phi \cos^2 (\phi - \delta_0),$$

or

$$\alpha - \alpha_0 = [1 - \frac{1}{2}y^2 \tan^2 \mathbf{r}'] \tan^{-1} \{x \sin \mathbf{r}' \sec \phi\},$$

$$\delta - \delta_0 = \tan^{-1} [y \tan \mathbf{r}'] - 30 x^2 \tan \mathbf{r}' \tan \phi \cos^2 (\phi - \delta_0),$$

which may further be expressed in the form

$$\alpha - \alpha_0 = P_1 x + P_2$$

$$\delta - \delta_0 = y + Q_1 x^2 + Q_2$$

where if $\alpha - \alpha_0$, $\delta - \delta_0$ are expressed in seconds of time and seconds of arc respectively

$$P_1 = 4 \sec \phi (1 - \frac{1}{2}y^2 \tan^2 \mathbf{r}')$$

$$P_2 = P_1 x - \tan P_1 x / \tan \mathbf{r}''$$

$$Q_1 = -30 \tan \mathbf{r}' \tan \phi \cos^2 (\phi - \delta_0)$$

$$Q_2 = \phi - \delta_0 - \frac{\tan (\phi - \delta_0)}{\tan \mathbf{r}''}$$

As all the plate centres dealt with in the present volume are confined to the same declination, the quantity ϕ for these plates depends uniquely on y and the quantities P_1 , Q_1 or their logarithms can thus be simply tabulated as a function of y .

Small subsidiary tables give the values of P_2 and Q_2 , the former with argument $P_1 x$ as derived in the course of the computation, and the latter with argument y , which only differs from $\phi - \delta_0$ by quantities of the third order.

Tables giving $\log P_1$, $\log Q_1$ with argument y , and these subsidiary tables as applicable to the co-ordinates contained in this volume are appended.

These tables are sufficient to compute the results with an accuracy exceeding $^{\circ}001$ in R.A. and $''01$ in Declination, but as a rule the final decimal figures may be dropped without detriment.

Examples showing the use of these tables are here given.

$x = -50' 852$	$y = -49' 492$	$x = +56' 521$	$y = +48' 466$
	$= -49' 29'' 52$		$= +48' 27'' 96$
$\log P_1 = 0.810979$	$\log Q_1 = 8.04521$	$\log P_1 = 0.795692$	$\log Q_1 = 8.01991$
$\log x = 1.706308n$	$\log x^2 = 3.41262$	$\log x = 1.752210$	$\log x^2 = 3.50442$
$\log (P_1 x) = 2.517287n$	$\log (Q_1 x^2) = 1.45783$	$\log (P_1 x) = 2.547902$	$\log (Q_1 x^2) = 1.52433$
$P_1 x = -329.069$	$Q_1 x^2 = +28.70$	$P_1 x = +353.103$	$Q_1 x^2 = +33.44$
$P_2 = +.063$	$Q_2 = +.20$	$P_2 = -.077$	$Q_2 = -.19$
$\alpha - \alpha_0 = -5^m 29^s 006$	$\delta - \delta_0 = -49' 0'' 62$	$\alpha - \alpha_0 = +5^m 53^s 026$	$\delta - \delta_0 = +49' 1'' 21$

ZONE -51° Tables for converting x and y to α and δ

Argument $y+$.				Argument $y-$.				Diff. Log. P_1 .				
y .	Log. P_1 .	Log. Q_1 .	Q_2 .	y .	Log. P_1 .	Log. Q_1 .	Q_2 .	153	154		155	156
+59	0.794080 ₁₅₃	8.01717 ₂₆	—0.35	—0	0.803188 ₁₅₆	8.03248 ₂₆	0.00	15.3	15.4	.1	15.5	15.6
58	4233 ₁₅₃	743 ₂₆	.33	1	3344 ₁₅₆	274 ₂₅	.00	30.6	30.8	.2	31.0	31.2
57	4386 ₁₅₃	769 ₂₆	.31	2	3500 ₁₅₆	299 ₂₆	.00	45.9	46.2	.3	46.5	46.8
56	4539 ₁₅₃	795 ₂₆	.30	3	3656 ₁₅₆	325 ₂₆	.00	61.2	61.6	.4	62.0	62.4
55	4692 ₁₅₃	821 ₂₆	.28	4	3813 ₁₅₆	351 ₂₆	.00	76.5	77.0	.5	77.5	78.0
+54	0.794845 ₁₅₃	8.01847 ₂₆	—0.27	—5	0.803969 ₁₅₆	8.03377 ₂₆	0.00	91.8	92.4	.6	93.0	93.6
53	4998 ₁₅₃	873 ₂₆	.25	6	4125 ₁₅₇	403 ₂₅	.00	107.1	107.8	.7	108.5	109.2
52	5151 ₁₅₃	899 ₂₆	.24	7	4282 ₁₅₆	428 ₂₆	.00	122.4	123.2	.8	124.0	124.8
51	5304 ₁₅₃	925 ₂₆	.22	8	4438 ₁₅₆	454 ₂₆	.00	137.7	138.6	.9	139.5	140.4
50	5457 ₁₅₃	951 ₂₆	.21	9	4594 ₁₅₇	480 ₂₆	.00					
+49	0.795610 ₁₅₄	8.01977 ₂₆	—0.20	—10	0.804751 ₁₅₇	8.03506 ₂₆	0.00	157	158		159	160
48	5764 ₁₅₃	8.02003 ₂₆	.19	11	4908 ₁₅₆	532 ₂₅	.00	15.7	15.8	.1	15.9	16.0
47	5917 ₁₅₃	029 ₂₆	.18	12	5064 ₁₅₇	557 ₂₆	.00	31.4	31.6	.2	31.8	32.0
46	6070 ₁₅₄	055 ₂₆	.16	13	5221 ₁₅₇	583 ₂₆	.00	47.1	47.4	.3	47.7	48.0
45	6224 ₁₅₃	081 ₂₆	.15	14	5378 ₁₅₇	609 ₂₆	.00	62.8	63.2	.4	63.6	64.0
+44	0.796377 ₁₅₄	8.02107 ₂₆	—0.14	—15	0.805535 ₁₅₇	8.03635 ₂₆	+0.01	78.5	79.0	.5	79.5	80.0
43	6531 ₁₅₄	133 ₂₆	.13	16	5692 ₁₅₇	661 ₂₅	.01					
42	6685 ₁₅₄	159 ₂₆	.13	17	5849 ₁₅₇	686 ₂₆	.01	94.2	94.8	.6	95.4	96.0
41	6839 ₁₅₄	185 ₂₆	.12	18	6006 ₁₅₇	712 ₂₆	.01	109.9	110.6	.7	111.3	112.0
40	6992 ₁₅₄	211 ₂₆	.11	19	6163 ₁₅₇	738 ₂₅	.01	125.6	126.4	.8	127.2	128.0
+39	0.797146 ₁₅₄	8.02237 ₂₆	—0.10	—20	0.806320 ₁₅₇	8.03763 ₂₆	+0.01	141.3	142.2	.9	143.1	144.0
38	7300 ₁₅₄	263 ₂₆	.09	21	6477 ₁₅₇	789 ₂₆	.02					
37	7454 ₁₅₄	289 ₂₆	.09	22	6634 ₁₅₇	815 ₂₆	.02					
36	7608 ₁₅₄	315 ₂₆	.08	23	6791 ₁₅₇	841 ₂₆	.02					
35	7762 ₁₅₄	341 ₂₆	.07	24	6948 ₁₅₈	867 ₂₅	.02					
+34	0.797916 ₁₅₄	8.02367 ₂₆	—0.07	—25	0.807106 ₁₅₇	8.03892 ₂₆	+0.03					
33	8070 ₁₅₄	393 ₂₆	.06	26	7263 ₁₅₈	918 ₂₆	.03	.1	2.5		2.6	
32	8224 ₁₅₅	419 ₂₆	.06	27	7421 ₁₅₇	944 ₂₅	.03	.2	5.0		5.2	
31	8379 ₁₅₄	445 ₂₆	.05	28	7578 ₁₅₈	969 ₂₆	.04	.3	7.5		7.8	
30	8533 ₁₅₄	471 ₂₆	.05	29	7736 ₁₅₈	995 ₂₆	.04	.4	10.0		10.4	
+29	0.798687 ₁₅₅	8.02497 ₂₆	—0.04	—30	0.807894 ₁₅₇	8.04021 ₂₆	+0.05	.5	12.5		13.0	
28	8842 ₁₅₄	523 ₂₆	.04	31	8051 ₁₅₈	047 ₂₅	.05	.6	15.0		15.6	
27	8996 ₁₅₅	549 ₂₆	.03	32	8209 ₁₅₈	072 ₂₆	.06	.7	17.5		18.2	
26	9151 ₁₅₅	575 ₂₆	.03	33	8367 ₁₅₈	098 ₂₆	.06	.8	20.0		20.8	
25	9305 ₁₅₅	601 ₂₆	.03	34	8525 ₁₅₈	124 ₂₅	.07	.9	22.5		23.4	
+24	0.799460 ₁₅₅	8.02627 ₂₆	—0.02	—35	0.808683 ₁₅₈	8.04149 ₂₆	+0.07					
23	9615 ₁₅₄	653 ₂₅	.02	36	8841 ₁₅₈	175 ₂₆	.08					
22	9769 ₁₅₅	678 ₂₆	.02	37	8999 ₁₅₈	201 ₂₅	.09					
21	9924 ₁₅₅	704 ₂₆	.02	38	9157 ₁₅₉	226 ₂₆	.09					
20	0.800079 ₁₅₅	730 ₂₆	.01	39	9316 ₁₅₈	252 ₂₆	.10					
+19	0.800234 ₁₅₅	8.02756 ₂₆	—0.01	—40	0.809474 ₁₅₈	8.04278 ₂₆	+0.11					
18	0389 ₁₅₅	782 ₂₆	.01	41	9632 ₁₅₈	303 ₂₆	.12					
17	0544 ₁₅₅	808 ₂₆	.01	42	9790 ₁₅₉	329 ₂₆	.13					
16	0699 ₁₅₅	834 ₂₆	.01	43	9949 ₁₅₈	355 ₂₅	.13					
15	0854 ₁₅₀	860 ₂₆	.01	44	0.810107 ₁₅₉	380 ₂₆	.14					
+14	0.801010 ₁₅₅	8.02886 ₂₆	0.00	—45	0.810266 ₁₅₈	8.04406 ₂₆	+0.15					
13	1165 ₁₅₅	912 ₂₅	.00	46	0424 ₁₅₉	432 ₂₅	.16					
12	1320 ₁₅₅	937 ₂₆	.00	47	0583 ₁₅₉	457 ₂₆	.18					
11	1475 ₁₅₆	963 ₂₆	.00	48	0742 ₁₅₉	483 ₂₆	.19					
10	1631 ₁₅₅	989 ₂₆	.00	49	0901 ₁₅₉	509 ₂₅	.20					
+9	0.801786 ₁₅₆	8.03015 ₂₆	0.00	—50	0.811060 ₁₅₉	8.04534 ₂₆	+0.21					
8	1942 ₁₅₆	041 ₂₆	.00	51	1219 ₁₅₈	560 ₂₅	.22					
7	2098 ₁₅₅	067 ₂₆	.00	52	1377 ₁₅₉	585 ₂₆	.24					
6	2253 ₁₅₆	093 ₂₆	.00	53	1536 ₁₅₉	611 ₂₅	.25					
5	2409 ₁₅₆	119 ₂₅	.00	54	1695 ₁₅₉	637 ₂₆	.27					
+4	0.802565 ₁₅₅	8.03144 ₂₆	0.00	—55	0.811854 ₁₆₀	8.04662 ₂₆	+0.28					
3	2720 ₁₅₆	170 ₂₆	.00	56	2014 ₁₅₉	688 ₂₆	.30					
2	2876 ₁₅₆	196 ₂₆	.00	57	2173 ₁₅₉	714 ₂₅	.31					
1	3032 ₁₅₆	222 ₂₆	.00	58	2332 ₁₆₀	739 ₂₆	.33					
0	3188 ₁₅₆	248 ₂₆	.00	59	2492	765	.35					

Diff. Log. P_1 .			
153	154		155
15.3	15.4	.1	15.5
30.6	30.8	.2	31.0
45.9	46.2	.3	46.5
61.2	61.6	.4	62.0
76.5	77.0	.5	77.5
91.8	92.4	.6	93.0
107.1	107.8	.7	108.5
122.4	123.2	.8	124.0
137.7	138.6	.9	139.5
157	158		159
15.7	15.8	.1	15.9
31.4	31.6	.2	31.8
47.1	47.4	.3	47.7
62.8	63.2	.4	63.6
78.5	79.0	.5	79.5
94.2	94.8	.6	95.4
109.9	110.6	.7	111.3
125.6	126.4	.8	127.2
141.3	142.2	.9	143.1

Diff. Log. Q_1 .		
	25	26
.1	2.5	2.6
.2	5.0	5.2
.3	7.5	7.8
.4	10.0	10.4
.5	12.5	13.0
.6	15.0	15.6
.7	17.5	18.2
.8	20.0	20.8
.9	22.5	23.4

P_2 Arg., P_1x .			
$(P_2$ opposite sign to x .)			
P_1x .	P_2 .	P_1x .	P_2 .
s	s	s	s
60	0.000	230	0.021
70	I	240	24
80	I	250	27
90	I	260	31
100	2	270	35
110	2	280	39
120	3	290	43
130	4	300	48
140	5	310	53
150	6	320	58
160	7	330	63
170	8	340	69
180	10	350	75
190	12	360	82
200	14	370	89
210	16	380	96
220	19	390	104
230	.021		

EXPLANATION OF THE CATALOGUE OF RECTANGULAR CO-ORDINATES, ETC.

The plates are arranged in order of Right Ascension and numbered consecutively.

At the head of each plate is given the zone, rotation number of the plate in the zone, epoch, and right ascension of the centre. In the centre of the page is inserted the limiting diameter D , for which the measures have been systematically verified by comparison with an overlapping area (see § IX.).

For each plate the stars are arranged in order of the x co-ordinate (approximately that of R.A.), except in the case of the components of a double or multiple star, where this order has been slightly departed from so as to bring the measures of the separate components into juxtaposition. The stars are numbered in rotation for purposes of reference as indicated by the heavy type at the head of each column and the ordinary type in the first column. For easy identification the sign of the x co-ordinate is inserted for the first and sixth stars of each group.

In Column 1.

The figures indicate the ordinal number of the star on the following line.

S denotes a Standard Star.

* that three images of the star are visible on the plate.

† that the measured image falls on a réseau line.

‡ that three images are visible and that the measured image falls on a réseau line.

[, if opposite a single star only, that the star is suspected of duplicity, but that the images of the components are not clearly separated and have been measured as one mass. A note is added when the duplicity was certain but the components not so clearly separated as to be measured separately.

The same symbol, if connecting adjacent lines, indicates that the images have been regarded as components of a double or multiple star, but separately measured.

N or n indicates that the star concerned is referred to in a footnote. N refers to the observations for the present catalogue, n to the C.P.D. results.

M, m , etc., have the same significance as in column 5.

Columns 2, 3 contain the measured rectangular co-ordinates.

The original measures were confined to star images contained within the extreme réseau lines 2, 26, 31, 55, so that the uncorrected co-ordinates lie within the limits $x = \pm 59'.8$, $y = \pm 59'.8$.

Column 4 contains the observer's estimate of the diameter of the measured image expressed in intervals of the close parallel webs in the micrometer (about $4''.5$) as unit, or, in the case of the fainter stars, the estimated density of the photographic image on a scale, indicated by the prefix of a minus sign, extending from -1 , for the brightest stars which fail to attain the full density of the larger images, to -5 , for the faintest stars visible. The quantity D is printed in the heading of this column.

Column 5 contains the number of the star in the *Cape Photographic Durchmusterung*, and notes resulting from the revision of the plates, for a full explanation of which reference may be made to § IX. When the mass of two or more consecutive stars is given in the C.P.D., the number and magnitude are printed between the two lines, or the dots (. .) are omitted on lines adjacent to the number.

Column 6 gives the magnitude of the star extracted from the *Cape Photographic Durchmusterung*.

The initials of the observers, to be interpreted as in § X., are inserted at the foot of the opening page for each plate, together with the rotation numbers of the stars at which an interchange of observers took place.

S. S. HOUGH

ROYAL OBSERVATORY, CAPE OF GOOD HOPE,
1917 Jan. 24.

ERRATA.

Page.	No.	For	Read	Page.	No.	For	Read	Page.	No.	For	Read	
VOL. I.				VOL. V.				VOL. VII.—continued.				
35	35	Diam.	2.80	1.90	26	89	y, + 35.922	— 35.922	50	214	Delete M.	
"	112	"	1.60	2.90	147	698	Mag.	9.1	9.6	115	469	" m.
199	281	"	1.80	2.75	155	383	Diam.	10	1.10	205	236	" m.
215	183	"	1.40	2.40	157	117	Mag.	9.4	10.2	283	675	" [
307	1806	"	3.20	2.20	"	121	"	10.0	10.2	284	875	" e.
143	146	Insert n and footnote: Brighter component of C.P.D.		195	268	C.P.D.	44.471	44.4714	285	89	" E.	
				255	114	Mag.	9.5	9.8	456	765	" e.	
				352	1800	y, +	44.064	— 44.064	"	808	" e.	
				439	985	y, +	48.705	— 48.705	457	17	" E.	
				546	43	Mag.	9.8	9.5	"	43	" E.	
				80	855	Delete m.			458	307	" M.	
				404	561	" M.			VOL. VIII.			
				438	824	Insert n.						
				"	829	" n, 45.8636, 9.8.						
				"	Footnote	" 824, 829. C.P.D., mass.						
				530	281	Delete C.P.D. No. and Mag.						
				"	283	Insert 45.9528, 10.3.						
				VOL. VI.								
				311	Heading	Epoch, 1902.54	1904.50					
				314	"	"	"					
				315	240	y, 13.609	— 13.609					
				53	197	Delete M.						
				54	446	" m.						
				66	242	" M.						
				209	298	" m.						
				230	430	" N, [, and note.						
				435	684	" e.						
				436	59	" E.						
				VOL. VII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. VIII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. IX.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. X.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XI.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XIII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XIV.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XV.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XVI.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XVII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XVIII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XIX.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XX.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXI.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXIII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXIV.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXV.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXVI.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXVII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXVIII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXIX.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXX.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXXI.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXXII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXXIII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXXIV.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXXV.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXXVI.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXXVII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXXVIII.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XXXIX.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XL.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215					
				"	"	Diam. — 4	0.65					
				"	"	Delete M.						
				"	"	Insert N and footnote: 1st image obscured by 2nd image of 75; 2nd image measured and corrected.						
				VOL. XLI.								
				393	1618	y, 49.651	— 49.651					
				49	76	y, — 59.649	— 59.215</					

ROYAL OBSERVATORY, CAPE OF GOOD HOPE

RECTANGULAR CO-ORDINATES 1900·0

FOR

ASTROGRAPHIC ZONE—51°

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	z.	y.		No.	Mag.		z.	y.		No.	Mag.		z.	y.		No.	Mag.	
1-60						61-120						121-180						
I						6I						12I						
...	-59°577	+37°946	-4	...	...	...	-32°513	-54°489	-4	...	...	...	-5°626	+11°533	-5	°M	...	
...	59°239	-0°782	-1	E	...	...	32°362	-48°170	-5	...	...	...	5°591	+26°507	-4	...	...	
...	58°914	-21°191	-4	E	...	...	30°454	+24°825	-1	...	...	†	5°277	-23°388	-3	5I. 17	10·4	
...	58°224	-1°104	-1	E	...	...	29°983	+15°815	0·90	50.	6	10·4	...	4°978	-49°535	0·80	5I. 18	10·4
...	58°176	-2°815	-3	E	...	...	29°614	-3°055	-5	...	...	...	...	4°504	+11°184	-3	A	...
...	-58°057	+49°348	-5	M	...	...	-29°506	+38°524	0·75	50.	7	10·4	...	-3°408	+36°146	-3	...	...
...	57°560	+31°648	-5	...	...	S *	29°109	-49°004	1·90	5I.	8	8·4	...	3°334	-40°619	-4	...	...
...	57°326	+48°626	-5	M	...	...	28°136	+12°274	0·65	...	...	S *	...	3°054	-31°561	1·05	5I. 19	9·1
...	56°852	+58°968	-4	M	...	...	27°207	-29°378	-5	...	...	...	...	2°459	+29°877	0·65	50. 17	10·2
...	55°794	-9°891	-4	E	...	S *	27°140	+43°163	1·05	50.	8	9·2	...	-0°612	-54°622	-4	...	...
II						7I						13I						
*	-55°369	+32°787	0·75	50.II904	10·4	*	-26°274	+11°160	1·00	50.	9	10·2	...	+0°920	+58°462	-5	M	...
...	55°217	+28°036	-2	...	...	...	26°219	+37°505	-5	...	...	...	...	1°587	+40°189	-3	...	...
E *	54°042	-53°003	1·05	52.I2252	9·6	*	25°416	+1°003	1·00	5I.	9	9·8	...	1°599	-30°991	-5	...	...
...	53°764	+23°211	-5	M	...	*	25°032	-46°085	0·95	5I.	10	10·2	...	2°116	-44°044	-5	...	...
...	53°740	-43°445	-3	E	...	...	24°432	-48°467	-5	...	...	...	...	2°534	-50°882	-5	...	...
*	-53°275	+36°909	0·85	50.II905	10·4	*	-24°344	-57°571	2·00	52.	3	8·8	*	+2°866	-57°311	0·85	52. 11	10·4
...	52°894	-2°684	-3	...	...	...	23°630	-41°020	-4	...	...	†	...	4°736	+48°971	0·80	...	...
...	52°216	-23°265	-2	...	...	...	23°471	+35°803	0·70	...	...	*	...	4°821	+48°920	1·20	50. 18	8·5
...	51°129	+9°875	-4	M	...	...	22°421	+43°089	-3	...	...	*	...	5°489	-13°201	1·05	5I. 20	9·8
...	51°073	-9°016	-3	...	...	...	22°115	-17°780	-3	...	...	S *	...	5°873	+47°333	2·10	50. 19	8·3
2I						8I						14I						
S *	-50°840	-49°482	2·10	5I.I2075	7·6	...	-21°911	+59°306	-4	...	...	...	+	6°350	-43°642	0·70	5I. 21	10·4
...	50°085	-0°133	-5	...	...	...	21°195	+59°363	-5	M	...	...	...	6°459	-20°683	-5	...	...
...	50°063	+34°699	-4	...	...	*	20°998	+49°024	0·95	50.	10	10·2	...	6°461	+58°473	-5	m	...
...	49°204	-7°519	-3	...	...	...	20°849	-9°909	-4	...	...	...	...	6°695	+45°443	0·70	50. 20	10·4
...	49°158	+29°200	-4	M	...	...	20°652	-12°026	-4	...	...	...	...	7°277	-48°387	-5	...	...
...	-48°859	-10°299	-5	...	...	...	-20°160	+31°106	-3	...	...	...	+	8°317	+3°295	-5	...	...
...	48°747	-7°788	-2	...	...	...	20°034	-53°332	-1	...	...	...	...	8°557	+8°833	-5	...	...
...	48°640	-45°878	0·70	...	...	...	19°890	+1°789	0·90	5I.	12	9·8	...	9°341	+27°400	-2	...	...
...	48°370	-8°728	-5	...	...	...	19°492	-50°883	0·75	5I.	11	10·4	...	9°356	+55°198	-5	...	...
...	47°584	+52°664	-4	...	...	...	19°272	-38°691	-4	...	...	...	...	10°802	+20°400	0·70	50. 21	10·4
3I						9I						15I						
...	-47°420	-56°868	0·75	52.I2255	10·4	...	-19°146	+19°353	-4	...	...	...	+	11°806	-24°212	-5	...	...
...	47°141	-23°408	-5	...	...	*	19°106	-11°193	0·90	5I.	13	9·6	...	11°912	-19°102	-5	...	...
...	46°061	+36°763	-4	...	...	...	18°782	+19°794	-5	...	...	S *	...	12°076	-15°396	1·60	5I. 22	8·8
...	45°888	-46°645	-3	...	...	*	18°391	+25°734	1·50	50.	11	8·5	...	12°919	+42°746	-5	m	...
...	45°632	-5°807	0·65	...	...	S †	18°232	-9°890	1·50	5I.	14	8·4	*	14°166	+15°333	1·00	50. 22	10·2
...	-44°238	-25°423	-5	...	...	*	-18°170	+22°577	1·05	50.	12	9·4	...	+15°526	+26°649	-4	...	...
...	44°232	-13°904	0·65	5I. 1	10·4	...	18°098	-57°918	-4	...	...	...	...	16°045	-31°149	-4	...	...
...	44°231	+20°854	-5	M	...	S *	18°097	+16°543	4·05	50.	13	6·6	...	16°564	+26°228	0·80	50. 23	10·4
...	43°991	-1°494	-3	...	...	...	17°925	+11°115	-5	...	...	...	...	17°376	-35°892	-4	...	...
...	43°693	+12°673	-4	...	...	...	15°135	-46°066	-4	...	...	...	...	17°459	-35°749	-5	...	...
4I						10I						16I						
...	-42°977	-13°439	-5	...	...	*	-14°861	-51°530	0·85	5I.	15	10·2	...	+18°181	+0°790	-5	...	...
*	42°853	-23°241	0·95	5I. 2	10·0	...	13°182	-24°831	-4	...	...	...	...	18°807	+46°139	-5	m	...
*	42°777	+24°843	0·80	50. 2	10·2	*	11°969	-1°062	1·10	5I.	16	9·1	*	18°909	-58°432	1·05	52. 14	9·9
...	42°277	+14°154	-1	...	...	...	11°791	-29°152	-4	...	...	...	...	19°051	+45°452	-5	m	...
S *	42°032	-3°721	1·05	5I. 3	9·0	*	11°754	+34°831	1·15	50.	14	8·6	...	19°212	+32°409	-3	...	...
...	-41°811	+21°644	-4	...	...	...	-10°943	-24°766	-5	...	...	...	+	19°751	-34°647	-4	...	...
*	41°793	+12°261	0·80	50. 3	10·4	*	10°797	+10°551	2·00	50.	15	8·0	...	20°310	-35°803	-5	...	...
...	41°134	+53°853	-3	...	...	...	10°381	+55°993	-5	...	...	...	...	21°519	-50°368	0·65	...	...
...	40°958	-17°595	0·65	5I. 4	10·4	...	10°367	-48°312	0·70	...	...	...	...	22°883	-55°200	-3	...	...
...	39°293	-49°186	0·70	...	...	...	9°651	-41°432	-4	...	...	S *	...	22°938	-37°855	0·95	5I. 23	9·8
5I						11I						17I						
...	-39°258	-34°561	-1	...	...	...	-9°465	-48°075	-4	...	...	...	+	23°321	+29°037	-1	...	...
*	37°769	+50°145	0·90	50. 4	10·2	...	9°406	-1°527	-4	...	...	...	...	23°560	-5°133	-4	...	...
...	37°618	-8°799	-4	...	...	...	8°992	-48°483	-5	...	...	†	...	24°638	+37°680	-4	m	...
*	35°840	+13°175	0·95	50. 5	10·0	...	8°847	+16°627	-4	...	...	...	...	25°309	-47°253	-5	...	...
...	35°061	-15°413	-5	...	...	...	8°585	+27°910	-2	...	...	...	...	25°498	-22°794	-5	...	...
...	-35°008	-9°807	-5	...	...	...	-8°136	+26°713	-5	M	...	...	+	26°694	-15°852	-5	...	...
...	33°634	-32°631	0·85	5I. 5	10·4	...	7°367	-53°961	-5	...	...	...	...	26°939	-23°825	0·75	5I. 24	10·2
*	32°789	+7°231	1·05	5I. 7	9·9	...	6°798	+42°812	-3	...	...	...	...	27°204	-27°513	-5	...	...
...	32°728	-19°110	-3	...	...	...	6°707	+29°746	-3	...	...	...	...	27°402	+8°332	-4	...	...
*	32°589	-44°626	0·95	5I. 6	10·2	...	5°689	+46°541	-3	...	...	...	...	27°791	-47°384	-1	...	...

T measured from 1, 86, 166.
 NM " " 50, 131, 208.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.	
181-200						201-220						221-236						
181						201						221						
...	+28'349	-34'977	-1	51.	25	...	+42'583	+56'901	-5	m	...	...	+52'674	+12'759	-5	$\circ$	...	
*	28'609	+10'694	1.05	50.	24	...	42'621	-17'517	0.75	51.	29	...	...	53'033	+9'589	-5	m	...
...	28'636	+53'992	-4	...	...	*	42'893	+7'945	1.00	51.	28	...	...	53'223	+28'069	-4	...	...
...	29'082	-57'958	-1	...	...	...	43'587	+39'091	-2	...	...	...	...	54'076	+23'124	0.70	...	...
...	29'143	+34'113	-5	m	...	...	44'091	-39'293	-5	...	...	...	...	55'317	+26'836	0.65	...	...
...	+29'293	-43'152	-2	...	...	...	+44'111	-41'370	0.65	...	...	...	...	+55'513	+34'396	-5	e	...
...	29'852	-34'426	-5	...	...	†	44'246	-19'902	-5	...	...	...	...	55'656	+23'752	-5	e	...
...	31'360	-33'983	-4	...	...	...	46'575	-55'356	0.80	52.	21	...	...	55'709	-23'174	-5	e	...
S *	33'824	+34'605	1.90	50.	26	*	47'000	+16'246	1.60	50.	29	...	...	55'791	-17'436	-5	e	...
...	34'318	-11'767	-1	51.	26	...	47'083	+2'247	-5	m	...	...	...	55'828	+12'766	-5	e	...
191						211						231						
...	+35'613	+11'466	-4	...	...	...	+48'558	-20'520	-4	...	...	...	...	+56'354	+35'529	0.70	...	...
...	37'354	+48'052	-4	m	...	...	48'573	-17'196	-5	...	...	...	...	56'364	-13'995	-5	e	...
...	37'431	+1'197	-3	...	...	...	49'479	+22'094	-4	m	...	S *	...	56'518	+48'464	2.00	50.	31
...	38'534	-42'101	-4	...	...	...	49'823	-39'206	-3	...	...	...	...	57'487	-12'507	0.70	e	...
...	39'961	+7'849	-5	...	...	...	50'432	-25'340	-4	...	...	...	...	57'569	-51'430	0.80	e	...
...	+40'162	-31'958	-2	...	...	...	+50'624	-26'581	0.70	...	...	...	...	+57'886	-18'102	0.80	e	...
*	40'989	-16'079	0.95	51.	27	...	50'861	+2'127	-5	...	...	...	...	...	...	...	...	...
...	42'024	-18'854	-5	...	...	...	51'626	+33'897	-2	...	...	...	...	...	...	...	...	...
S *	42'136	+14'514	1.20	50.	28	...	51'687	-1'020	-4	...	...	...	...	...	...	...	...	...
...	42'150	-8'806	-5	...	...	...	51'767	-58'451	-2	e	...	...	...	...	...	...	...	...

1-30						31-60						61-90					
I	...	...	...	...	...	31	...	...	...	...	...	61	...	...	...	...	...
...	-59'235	+34'323	-5	°	E	...	-44'961	+15'622	-5	°	M	...	...	-28'583	+5'038	0.70	51. 36
...	59'168	-58'608	-4	E	...	...	44'534	-30'084	-5	...	...	...	...	28'149	-49'994	-4	...
S *	59'091	+26'754	-1	...	...	...	44'066	+15'753	-5	M	...	...	...	26'435	-4'447	-2	...
...	58'766	+48'418	2.10	50.	31	*	44'039	-2'610	1.10	51.	30	...	...	25'469	+58'560	-3	...
...	58'641	+23'687	-5	E	...	†	43'877	-29'880	-3	...	...	...	...	24'440	+15'646	0.70	50. 39
...	-58'401	+35'492	0.70	...	...	S *	-43'827	+32'050	2.30	50.	34	...	...	-24'346	+4'351	-4	...
...	58'006	+12'712	-4	E	...	*	43'207	-6'287	0.80	51.	31	...	...	24'299	-33'036	-4	...
...	56'810	-17'461	-5	E	...	...	41'377	-59'219	-5	...	...	*	...	22'653	+1'001	1.00	51. 37
...	56'652	-23'201	-5	E	...	...	41'348	+18'368	-5	...	...	...	...	22'601	+50'296	-4	M
...	56'391	-14'022	-5	E	...	...	40'714	-5'342	0.65	...	...	...	...	21'902	-17'923	-4	...
II	...	...	...	...	...	41	...	...	...	...	...	71	...	...	...	...	...
...	-55'308	-12'460	0.70	E	...	...	-40'525	-57'656	-3	...	...	...	...	-21'865	+12'217	-4	...
...	54'699	-18'041	0.75	E	...	...	40'334	-48'498	-5	...	...	...	...	21'754	-37'009	-4	...
*	54'323	+47'446	1.20	50.	32	†	40'209	+47'087	-5	...	...	...	...	21'191	-30'463	-4	...
...	54'319	+49'777	-5	M	...	...	38'014	+28'205	0.65	50.	37	...	...	20'713	+57'753	-5	M
...	54'291	+0'308	-5	M	...	...	37'774	-53'910	-5	...	...	...	...	20'256	-4'299	-4	...
...	-53'914	+0'946	-5	M	...	...	-36'698	-32'774	-5	...	...	...	...	-19'381	-49'265	-5	...
...	53'640	-51'352	0.75	E	...	...	36'083	-29'735	0.70	51.	32	...	...	18'616	-4'039	-5	...
...	52'621	-0'737	-5	...	...	...	35'770	-45'835	-4	...	...	...	...	17'864	+24'840	-5	...
...	52'308	+27'733	0.65	...	...	...	34'870	-11'655	-3	...	...	*	...	17'847	+22'712	1.00	50. 40
...	51'267	-24'431	-5	...	...	...	33'797	-13'453	0.90	51.	33	...	...	17'474	-29'741	0.70	51. 38
21	...	...	...	...	...	51	...	...	...	...	...	81	...	...	...	...	...
...	-51'070	+23'000	-5	M	...	...	-33'596	-7'165	-4	...	...	*	...	-16'784	+9'660	1.00	50. 41
...	49'819	+8'512	-4	...	...	...	32'402	-13'485	-3	...	...	...	...	16'690	+36'302	0.65	...
...	48'952	+56'634	-3	...	...	...	32'340	-47'993	-1	...	...	...	...	15'957	+40'387	0.80	50. 42
...	48'499	-17'807	-5	...	...	S *	31'551	+0'737	2.00	51.	34	...	...	15'321	-56'219	-3	...
...	47'741	+13'200	0.70	...	...	...	31'399	-40'551	-1	...	...	...	...	14'145	+6'806	-5	...
...	-47'636	-32'232	-5	...	...	...	-31'307	+16'458	-5	M	...	...	...	-12'459	-51'557	0.70	52. 30
...	46'357	+7'634	-4	...	...	...	31'277	-50'589	-5	...	...	...	...	11'967	+12'100	-5	...
...	46'283	-33'388	-1	...	...	...	29'613	-14'990	-3	...	...	...	...	10'580	+15'504	-5	...
...	46'211	-20'456	-5	...	...	*	29'000	-44'570	0.85	51.	35	...	...	9'076	-46'624	0.70	...
*	46'134	+19'064	1.05	50.	33	...	28'970	+27'669	-3	...	...	...	...	8'568	-35'802	-1	51. 39

14 false stars deleted in revision.

NM measured from 1, 76, 144.

T " " 49, 106, 188.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.	
91-150						151-210						211-233						
9I	-8.180	-31.784	-1	o	...	15I	+23.915	+41.740	-5	o	m	21I	+49.828	-41.180	-4	o	...	
...	7.817	+18.203	-4	...	...	...	23.971	-0.940	1.10	51.	50	9.8	...	50.562	+35.218	-5	m	...
...	7.333	-59.540	-5	...	...	...	25.077	-55.090	0.70	...	...	...	...	51.067	+55.115	0.95	50.	57
S *	5.037	-32.909	3.20	51.	40	...	25.149	-46.970	0.90	51.	52	10.4	...	51.282	-11.331	1.50	51.	60
*	4.958	+47.332	0.90	50.	44	...	25.155	-4.417	2.00	51.	51	8.8	e *	51.607	-58.726	1.10	52.	45
...	-4.320	+20.691	-5	...	...	S *	+25.871	-57.556	2.20	52.	38	8.0	...	+51.627	-3.557	-4	...	...
*	3.413	-56.173	0.85	52.	33	...	25.913	-56.159	0.80	...	...	...	...	51.953	+43.046	0.70	50.	58
*	3.349	-20.216	1.05	51.	41	...	26.004	-40.143	-1	...	...	...	e *	52.957	-31.597	0.90	51.	61
...	2.518	+13.363	-5	m	...	...	26.139	-32.723	-5	...	...	...	e *	53.148	-23.594	0.85	51.	62
...	1.928	+58.639	-3	...	...	...	26.166	+15.210	1.15	50.	49	9.6	...	53.513	-38.581	-3	e	...
10I	...	...	...	...	...	16I	...	...	...	...	...	22I	...	...	...	...	...	...
...	-1.122	+3.518	-3	...	...	...	+26.190	+49.283	-4	m	...	...	...	+54.404	+22.873	-1	...	...
†	0.847	-44.817	-1	...	...	...	26.746	-23.670	2.40	51.	53	8.2	Se*	55.400	-5.710	3.10	51.	63
*	0.658	-30.086	0.85	51.	42	...	26.775	-23.954	1.20	51.	54	9.2	*	55.545	+44.149	1.05	50.	59
...	0.473	-39.640	-5	...	...	...	27.130	-57.729	-5	...	...	...	...	55.558	+5.151	0.70	51.	64
...	0.400	+5.361	-5	m	...	...	27.300	+22.896	1.05	50.	50	9.8	...	55.589	-9.644	-3	e	...
...	-0.097	-44.000	-4	...	...	...	+27.636	+59.786	-4	m	...	...	*	+56.713	+27.437	1.05	50.	60
...	+1.335	+20.274	-4	m	...	...	28.156	+42.899	1.40	50.	51	9.3	...	57.286	+40.526	-5	m	...
...	1.860	+32.087	-1	...	...	...	28.513	+33.506	-4	m	...	...	e *	57.700	-2.914	0.95	51.	65
...	1.997	+36.558	-5	m	...	...	28.914	+38.875	-5	m	...	...	...	58.031	-41.447	-1	e	...
...	2.304	+57.497	-4	m	...	...	29.048	+31.648	-4	m	...	...	S *	58.373	+23.060	1.15	50.	61
11I	...	...	...	...	...	17I	...	...	...	...	...	23I	...	...	...	...	...	...
...	+2.621	-25.950	0.70	51.	43	...	+29.397	+2.942	-5	m	...	...	...	+58.924	+37.779	-4	m	...
S *	2.661	-6.193	2.05	51.	44	...	29.709	+31.343	-5	m	...	...	...	59.178	+47.389	0.70	...	...
...	3.387	-11.409	-5	...	...	S *	29.892	+3.700	2.10	51.	55	8.4	e *	59.387	-10.318	2.00	51.	66
...	3.976	+54.074	-4	m	...	...	29.895	-31.590	0.70	...	...	...	...	...	...	...	...	...
...	4.645	-43.525	-1	...	...	...	30.331	+16.750	0.90	50.	52	10.4	...	...	...	...	...	...
†	+4.682	+33.794	-5	m	...	...	+30.621	+53.475	-5	m	...	...	...	...	...	...	...	...
...	5.249	-0.627	-4	...	...	...	31.113	-33.082	-5	...	...	...	...	...	...	...	...	...
...	5.840	+35.426	-4	m	...	...	31.446	+15.387	-5	m	...	...	...	...	...	...	...	...
...	6.406	+11.120	-5	m	...	...	32.141	-57.543	-4	...	...	...	...	...	...	...	...	...
...	6.525	+50.922	-4	m	...	...	34.728	-55.419	-5	...	...	...	...	...	...	...	...	...
12I	...	...	...	...	...	18I	...	...	...	...	...	...	...	...	...	...	...	...
...	+6.588	-33.214	-1	51.	45	...	+35.888	+44.803	-3	a	...	...	...	...	...	...	...	...
...	6.872	-39.378	0.70	...	...	*	36.893	-56.000	1.10	52.	41	9.8	...	...	...	...	...	...
...	7.006	+24.816	-5	m	...	...	37.005	-42.120	-5	...	...	...	...	...	...	...	...	...
...	7.677	+10.600	0.75	50.	45	S *	37.374	+58.041	2.10	50.	53	8.4	...	...	...	...	...	...
S *	8.484	+30.388	1.10	50.	47	...	38.044	-7.922	-5	...	...	...	...	...	...	...	...	...
...	+8.981	-56.334	-4	...	...	...	+38.156	-5.802	-4	...	...	...	...	...	...	...	...	...
...	9.463	+12.491	-5	m	...	...	38.483	+27.367	0.65	...	...	...	...	...	...	...	...	...
...	9.718	+40.822	-5	m	...	...	39.709	-2.268	-3	...	...	...	...	...	...	...	...	...
...	12.209	-31.671	-1	...	...	...	39.818	-14.299	1.10	51.	56	9.5	...	...	...	...	...	...
...	12.555	-20.815	-1	51.	46	...	40.082	-47.305	-5	...	...	...	...	...	...	...	...	...
13I	...	...	...	...	...	19I	...	...	...	...	...	...	...	...	...	...	...	...
...	+13.498	-34.547	-5	...	...	...	+42.395	+13.611	0.70	50.	54	10.4	...	...	...	...	...	...
...	14.389	-53.949	-5	...	...	...	42.565	+58.991	-3	...	...	...	...	...	...	...	...	...
...	14.539	-11.303	-4	...	...	*	42.809	+36.631	1.10	50.	55	9.3	...	...	...	...	...	...
...	15.130	+8.222	1.00	51.	47	...	43.377	-48.702	-5	...	...	...	...	...	...	...	...	...
...	15.184	+48.096	-5	m	...	...	43.927	+41.827	-5	m	...	...	...	...	...	...	...	...
...	+16.607	-57.541	0.70	...	...	...	+44.019	+16.998	-4	m	...	...	...	...	...	...	...	...
S *	16.787	-35.536	3.20	51.	48	...	44.227	+51.224	-4	m	...	...	...	...	...	...	...	...
...	17.303	-52.521	-4	...	...	...	44.502	+7.926	0.65	...	...	...	...	...	...	...	...	...
...	17.429	+25.419	-2	...	...	†	44.565	-18.494	-3	...	...	...	...	...	...	...	...	...
...	17.502	-39.145	0.85	51.	49	...	44.999	+42.992	-4	m	...	...	...	...	...	...	...	...
14I	...	...	...	...	...	20I	...	...	...	...	...	...	...	...	...	...	...	...
*	+17.512	+26.941	1.00	50.	48	...	+45.049	-1.919	-5	...	...	...	...	...	...	...	...	...
...	17.632	+28.081	-3	b	...	...	45.211	+52.801	-2	...	...	...	...	...	...	...	...	...
...	18.082	+53.198	-4	m	...	*	45.215	-18.436	2.00	51.	57	8.4	...	...	...	...	...	...
...	20.357	+59.659	0.70	...	...	...	45.948	+14.942	-4	m	...	...	...	...	...	...	...	...
...	20.519	+24.848	-4	m	...	...	46.601	-59.670	0.70	...	...	...	...	...	...	...	...	...
...	+20.650	+51.873	-3	b	...	*	+47.009	-10.217	1.05	51.	58	9.5	...	...	...	...	...	...
...	21.572	-9.293	-5	...	...	...	47.842	-16.049	-5	...	...	...	...	...	...	...	...	...
...	21.937	-14.123	-5	...	...	...	47.971	+13.656	-1	b	...	...	...	...	...	...	...	...
...	22.736	-39.537	-4	...	...	f *	48.090	-0.206	1.15	51.	59	9.3	...	...	...	...	...	...
...	23.768	+24.761	-5	m	...	S *	49.713	+42.202	1.60	50.	56	8.6	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-59.850	+22.745	-2	...	...	6I	-27.827	+30.253	-5	M	...	12I	+9.059	-57.388	-5	...	...
...	59.546	+44.058	1.05	50.	59	...	27.608	-38.866	0.70	...	...	...	9.369	-57.549	1.15	52.	60
E*	59.303	-58.888	1.05	52.	45	...	27.469	+4.574	-3	M	...	...	9.543	-54.227	-5	...	...
E*	59.210	-23.720	0.80	51.	62	...	27.245	-6.904	0.65	...	...	S*	9.928	+9.612	1.25	50.	72
E	59.069	-31.721	0.85	51.	61	...	27.019	+32.679	-1	B	...	...	10.311	-27.880	-5	...	...
...	-58.233	-38.689	-4	E	...	...	-25.033	+57.942	1.00	...	...	...	+10.547	-10.457	-5	...	...
...	57.965	+5.093	0.70	51.	64	...	24.930	-24.068	-5	...	...	...	10.647	-1.085	-5	...	...
...	57.705	+27.412	1.05	50.	60	...	24.918	+12.677	-5	M	...	...	11.645	+39.895	-4	...	...
SE*	57.639	-5.753	3.00	51.	63	...	24.845	+24.480	-5	M	...	...	11.895	+13.831	0.70	50.	73
...	57.332	-9.682	-3	E	...	...	22.447	+32.332	-3	M	...	...	12.053	+4.754	-4	...	...
II	-56.071	+47.445	-1	...	...	7I	-21.922	-29.408	0.80	...	...	13I	+12.657	+6.106	-5	...	...
...	55.875	+23.115	1.20	50.	61	...	21.233	-34.694	-5	...	...	...	12.733	-48.555	-5	...	...
S*	55.489	-2.868	0.90	51.	65	...	21.148	-39.109	-4	...	...	...	13.811	+11.364	-4	...	...
E*	55.489	-2.868	0.90	51.	65	...	20.204	-37.690	0.95	51.	74	...	14.347	+12.761	-5	...	...
E*	53.494	-10.209	1.60	51.	66	...	19.650	-11.028	0.95	51.	75	...	14.880	-2.494	-3	...	...
...	-53.144	-3.997	-3	...	...	S*	-19.555	+26.154	0.95	50.	64	...	+15.521	-4.664	-5	...	...
...	52.187	+17.889	-4	M	...	...	19.366	-24.256	-3	...	...	...	15.866	+20.630	-5	...	...
...	51.222	+35.310	-4	M	...	...	17.599	-30.817	-3	...	...	↑	15.973	+39.765	0.65	...	...
...	50.937	+26.320	-5	M	...	...	16.971	+30.270	-3	M	...	...	16.074	+43.050	0.80	...	...
...	50.380	+5.998	-3	...	...	...	16.229	-48.609	-2	...	...	↑	16.448	+39.786	-5	...	...
2I	-49.078	-40.866	-4	...	...	8I	-16.063	+9.147	0.95	50.	65	14I	+18.087	-45.158	1.05	51.	87
...	48.776	+37.718	-4	M	...	...	14.727	-45.061	-3	...	...	a	18.106	+0.251	0.70	51.	86
...	48.403	-26.377	1.20	51.	67	...	14.517	+1.610	0.75	51.	76	...	18.617	+39.023	-5	...	...
...	48.396	-9.045	0.85	51.	68	...	13.947	-8.629	-3	...	...	...	18.657	-57.324	-5	...	...
...	48.316	+21.948	0.70	...	...	...	13.696	+19.559	-2	...	...	...	18.667	+14.324	-1	...	...
...	-46.919	+21.515	-3	M	...	...	-13.281	-38.034	0.95	51.	77	...	+19.560	-13.447	0.70	...	...
...	46.591	-15.521	1.50	51.	69	...	12.017	+25.754	-4	M	...	...	21.810	-21.738	0.90	51.	88
...	44.491	+59.584	-5	M	...	...	11.939	+5.801	0.95	51.	78	...	22.581	-35.126	-2	...	...
...	43.267	-11.132	-4	...	...	...	11.156	-54.072	-3	...	...	...	23.220	-30.882	-1	51.	89
...	41.948	+20.784	-4	M	...	...	10.068	-46.004	-4	...	...	...	23.370	+43.755	-5	...	...
3I	-41.923	+28.176	-4	M	...	9I	-9.129	-32.487	0.70	51.	79	15I	+23.810	-50.633	-5	...	...
...	41.870	-26.939	-4	...	...	...	7.368	+48.653	-3	...	...	N	23.931	-48.165	-5	...	...
...	41.848	+6.135	-5	M	...	...	6.715	+0.086	-5	M	...	...	25.151	+33.178	0.70	50.	75
...	40.641	-37.950	-5	...	...	S*	5.953	-36.128	1.05	51.	80	...	25.485	-59.895	-4	...	...
...	40.582	+2.386	-4	M	...	...	5.124	-55.242	-4	...	...	↑	25.968	-21.870	0.80	51.	90
...	-39.795	+24.301	-5	M	...	...	-5.105	+54.667	-3	M	...	...	+26.296	+25.284	-3	...	...
...	39.190	+41.295	1.15	50.	62	...	5.066	+12.047	-4	M	...	...	26.502	+22.430	-5	...	...
...	39.019	+41.416	0.95	...	...	...	3.120	-47.461	-4	...	...	...	26.729	+24.240	0.95	50.	76
...	38.992	+59.571	-2	B	...	...	1.771	+54.998	-4	M	...	...	26.954	-30.273	-2	...	...
...	38.889	-22.857	-5	...	...	...	1.675	+31.279	0.95	50.	66	...	27.885	+49.339	-4	...	...
4I	-38.107	+34.179	-5	M	...	10I	-0.467	-12.117	-5	...	...	16I	+29.002	+18.997	1.05	50.	77
...	38.099	+19.292	-1	D	...	...	+0.418	+23.377	-5	M	...	...	30.297	+19.639	-4	...	...
...	37.944	-15.368	-4	...	...	...	0.424	-2.509	0.85	51.	81	...	30.302	-57.577	-5	...	...
...	37.379	-14.907	0.65	...	...	...	0.853	-57.529	-5	...	...	...	30.766	+27.727	-5	...	...
...	37.049	-12.723	-1	...	...	...	1.178	+24.488	1.00	50.	67	S*	31.372	-17.223	2.80	51.	91
S*	-36.557	-24.099	1.10	51.	70	...	+1.675	-59.357	-3	...	...	...	+32.087	+5.002	1.10	51.	92
...	36.440	-15.781	0.80	51.	71	...	2.053	+31.000	-2	...	...	...	32.414	+14.529	-3	...	...
...	36.144	-30.731	-5	...	...	...	2.745	-37.448	0.65	...	...	...	32.560	-7.466	-4	...	...
...	35.859	-13.788	0.80	51.	72	...	3.576	+52.365	1.00	50.	69	...	33.208	-59.025	1.05	52.	70
S*	34.198	-47.008	1.30	51.	73	...	4.122	+6.857	1.20	51.	82	...	33.863	-39.428	0.80	51.	93
5I	-33.753	-28.988	-3	...	...	III	+5.548	+25.322	-1	...	...	17I	+33.908	-9.376	-3	...	...
...	32.677	+33.083	-5	M	...	...	5.637	+4.286	0.75	51.	83	...	33.949	-21.266	-5	...	...
...	32.641	+43.088	-2	D	...	...	6.220	-28.107	-1	...	...	...	34.159	-9.818	-4	...	...
...	31.547	+47.113	0.75	...	...	...	6.241	+33.629	-5	...	...	...	34.386	+36.662	0.75	50.	78
...	31.213	-3.338	-5	...	...	...	6.702	-10.382	-1	51.	84	...	34.553	-12.419	-1	51.	94
...	-30.819	-37.713	0.90	...	...	...	+7.249	-2.619	1.15	51.	85	...	+35.164	+11.068	-4	...	...
...	30.048	+38.182	-5	M	...	...	7.958	+8.670	0.80	50.	70	S*	35.280	-36.689	1.05	51.	95
...	29.614	+48.665	1.00	50.	63	...	8.220	-32.637	-5	...	...	...	35.437	-18.358	-4	...	...
...	29.577	+49.154	-5	M	...	...	8.297	+28.100	0.80	...	...	...	36.413	+20.740	-3	...	...
...	29.511	+49.296	-5	M	...	...	8.557	+52.652	1.00	50.	71	...	37.126	+45.725	0.95	50.	79

6 false stars deleted in revision.

T measured from I, 75, 153.

NM " " 36, 102, 187.

C.P.D. 50° 68 not on plate; on C.P.D. checkplate only.

152. Extremely faint and diffused.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		-I.	No.		Mag.	α .		γ .	-I.		No.	Mag.		α .	γ .
181-200						201-220						221-240					
181						201						221					
...	+37.432	-34.876	-1	...	...	...	+43.452	+27.567	0.70	...	...	...	+51.389	+47.704	-5	...	...
S *	37.453	+32.213	1.05	50. 80	9.6	...	43.835	+50.053	-5	m	...	...	51.449	+24.295	-5	...	...
...	37.539	+32.828	-5	...	...	...	43.864	+8.822	-3	...	...	*	52.320	+27.977	0.90	50. 91	10.4
...	37.700	+38.115	-2	...	...	...	45.235	+4.543	-5	...	...	...	53.426	-7.622	0.85	e	...
...	38.085	+50.767	-3	...	...	...	45.350	-28.113	-5	...	...	...	54.069	-8.310	-5	e	...
*	+38.777	+56.745	1.60	50. 81	9.0	*	+45.550	+25.545	0.95	50. 87	10.2	e *	+54.857	-30.605	0.90	51. 101	10.3
...	39.800	+31.694	-5	m	...	...	45.921	-11.768	-5	...	...	...	54.957	-36.582	-4	e	...
...	39.841	+56.634	0.90	50. 82	10.4	...	46.150	+16.521	-5	m	...	...	55.729	+8.874	-4	...	...
...	40.280	-51.672	-4	...	...	*	46.309	-29.198	0.90	51. 98	10.4	...	55.805	-0.681	-5	...	...
*	40.687	+48.861	1.05	50. 84	10.3	*	46.557	-32.681	1.05	51. 99	10.0	...	56.208	+41.423	-3	...	...
191						211						231					
...	+40.928	+33.174	0.70	...	...	...	+48.107	-20.977	-4	...	...	...	+56.733	-1.978	-5	...	...
...	41.245	-17.375	0.70	...	...	...	48.641	-48.548	-5	...	...	e *	57.255	-56.052	1.20	52. 78	10.4
...	41.717	+30.360	-5	...	...	...	49.082	+27.977	-2	...	...	e *	57.470	-10.379	1.00	51. 102	10.4
...	41.840	-8.896	-5	...	...	...	49.686	+55.936	0.85	...	...	S *	57.880	+51.144	2.10	50. 92	8.4
...	42.276	+1.986	-2	...	...	...	49.875	-0.340	0.85	51. 100	10.3	...	57.975	+59.498	-5	...	...
*	+42.438	+6.299	1.05	51. 96	10.2	...	+50.026	+39.371	0.80	50. 88	10.4	...	+57.986	+51.355	-5	...	...
*	42.491	+13.879	0.95	50. 85	10.3	†	50.037	+9.902	-4	...	...	...	58.147	-4.571	-5	...	...
...	43.258	+26.054	0.75	50. 86	10.4	...	50.112	+7.923	0.75	50. 89	10.4	...	58.458	-16.861	-4	...	...
*	43.289	-44.142	0.95	51. 97	10.3	...	50.737	-4.963	-4	...	...	...	58.926	-31.583	-5	...	...
...	43.337	+39.042	-1	...	...	...	51.004	+51.086	1.00	50. 90	10.4	S *	59.312	+1.447	1.10	51. 103	9.6

1-30						31-60						61-90					
I	α .	δ .	Diam.	C.P.D.	Notes.	31	α .	δ .	Diam.	C.P.D.	Notes.	61	α .	δ .	Diam.	C.P.D.	Notes.
...	-59.574	-7.770	0.90	E	...	...	-42.778	+12.000	-5	...	...	...	-28.397	-33.062	-4	...	...
...	58.901	-8.425	-5	E	...	...	42.701	+50.335	-5	...	...	*	28.327	-50.765	0.90	51. 116	9.8
...	58.789	+41.360	-5	...	...	...	41.451	-19.974	0.65	...	...	S *	28.240	-31.605	1.80	51. 117	8.4
...	57.955	+8.824	-5	...	...	...	40.935	+12.850	-5	...	...	...	26.581	-2.723	-4	...	...
S *	57.496	+51.155	1.40	50. 92	8.4	*	40.872	+46.518	0.95	50. 98	10.3	...	26.521	+9.714	-3	...	...
E	-57.195	-30.663	0.70	51. 101	10.3	...	-40.788	-39.001	-5	...	...	...	-26.383	+10.721	-5	...	...
...	56.857	-36.628	-5	E	...	...	40.539	+49.905	-5	...	...	...	25.519	+58.211	0.75	50. 103	10.3
E *	55.415	-10.343	0.75	51. 102	10.4	...	40.307	-47.091	0.70	51. 110	10.4	...	24.486	-45.909	-4	...	...
S *	54.059	+1.536	1.05	51. 103	9.6	...	39.517	+0.196	0.65	51. 111	10.4	...	22.228	+26.786	-3	...	...
...	53.850	+36.192	-5	...	...	...	39.220	-32.980	-4	...	...	†	21.936	-40.096	0.95	51. 118	9.5
II						41						71					
E	-53.766	-55.989	0.75	52. 78	10.4	...	-39.096	-39.758	-4	...	...	S †	-21.863	+44.659	2.40	50. 105	7.4
...	52.629	+51.599	-5	...	...	*	38.868	+42.970	1.15	50. 99	9.4	...	21.326	-58.583	-3	...	...
*	52.119	+1.202	1.00	51. 104	9.6	...	38.597	+39.341	-3	...	...	†	20.041	+10.984	-4	...	...
...	51.518	+17.019	0.65	...	...	*	37.859	+46.886	1.10	50. 100	9.5	...	19.979	-16.544	-1	51. 119	10.4
...	51.506	+26.277	0.65	...	...	...	37.018	+28.273	-3	...	...	...	18.853	+30.833	0.65	...	...
*	-51.067	-26.321	1.00	51. 105	9.6	...	-36.912	-56.699	-5	...	...	...	-18.645	+21.669	0.75	50. 106	10.3
*	51.033	+8.462	0.95	50. 94	9.8	...	36.415	+33.461	-3	...	...	...	17.503	+34.994	-5	A	...
*	50.118	-27.281	0.80	51. 106	10.3	...	36.176	+0.909	-2	...	...	...	15.198	-41.596	-5	...	...
...	48.633	+2.388	-5	...	...	...	36.019	-29.215	-3	...	...	...	14.674	+39.138	-3	...	...
†	48.527	-45.051	0.80	51. 107	10.3	*	34.451	-16.275	1.10	51. 112	9.3	...	14.111	+58.522	0.70	...	...
21						51						81					
*	-48.370	+43.852	0.90	50. 95	10.2	...	-33.515	-0.268	-4	...	...	...	-13.842	-56.260	-5	...	...
S *	48.216	-47.828	1.00	51. 108	10.0	*	33.061	+31.391	0.70	50. 101	10.4	...	13.743	-45.482	-5	...	...
...	48.025	-30.854	-5	...	...	*	32.661	-9.108	1.15	51. 113	9.0	...	13.146	-57.987	-4	...	...
...	47.568	-49.478	-2	...	...	...	31.531	-42.542	-4	...	...	...	13.041	-36.260	-2	...	...
...	46.552	-35.858	-5	...	...	...	30.685	-47.043	0.70	51. 114	10.4	...	12.430	+31.774	0.80	50. 108	10.0
...	-46.507	+42.875	0.70	...	...	...	-29.584	-38.911	0.65	51. 115	10.4	S *	-12.058	-10.472	1.10	51. 120	9.0
...	46.212	+30.600	-2	...	...	...	29.498	+1.832	-3	...	...	...	11.233	-44.371	-3	...	...
*	45.261	+12.212	1.10	50. 96	9.6	*	29.468	+52.239	1.10	50. 102	9.5	...	7.310	+12.289	-3	...	...
...	44.326	+7.877	0.65	51. 109	10.4	...	28.991	+26.765	-4	...	...	*	5.490	+53.847	0.95	50. 110	10.3
...	43.264	+51.931	0.70	...	...	...	28.539	+13.355	-5	...	...	...	5.095	-44.294	-4	...	...

13 false stars deleted in revision.

NM measured from 1, 73, 120.

T " " 39, 94, 146.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
91-130						131-170						171-189					
9I						13I						17I					
...	- 4'174	-12'158	- 5	...	...	...	+25'924	-50'211	- 5	...	...	...	+49'599	+21'527	- 5	°m	...
S *	1'356	+23'574	1'10	50. III	9'5	*	27'125	+11'367	0'85	50. I20	10'2	...	49'861	+37'512	- 3	...	...
...	- 0'969	-34'350	- 5	...	...	...	28'275	-32'199	0'70	51. I29	10'4	...	51'449	-38'489	- 3	...	...
*	+ 0'559	-21'013	1'20	51. I21	9'0	*	29'146	-34'031	1'00	51. I30	9'6	...	51'805	+39'917	0'90	50. I26	10'3
...	1'003	+29'667	- 1	50. II2	10'4	...	29'680	-18'516	- 5	...	...	...	52'682	+19'356	- 3	...	...
...	+ 1'301	-41'330	0'80	51. I22	10'3	*	+29'685	+22'762	0'85	50. I21	10'4	...	+53'410	-22'093	- 5	m	...
...	2'601	+21'109	- 4	...	...	...	30'442	+ 7'147	- 4	...	...	*	55'266	+19'961	0'85	50. I27	10'3
...	3'990	-27'276	0'70	51. I23	10'3	*	31'185	+34'344	1'15	50. I22	9'5	e	56'231	-14'568	0'75	51. I41	10'2
...	4'412	-53'976	0'65	52. 92	10'4	...	31'702	+27'058	- 5	...	...	...	57'386	+37'501	0'70	...	...
...	5'520	-46'574	- 4	...	...	...	31'739	-14'268	- 5	...	...	e †	57'639	-15'013	1'05	51. I42	9'2
10I						14I						18I					
S *	+ 5'615	-46'576	1'00	51. I24	9'6	...	+32'692	-28'092	- 5	...	...	...	+58'202	+16'618	- 3	...	...
...	6'287	+27'078	0'90	50. II4	9'6	...	33'609	+52'193	- 5	...	...	...	58'314	-35'718	1'20	51. I43	8'8
...	7'208	-26'870	- 4	...	...	*	33'761	- 7'888	1'20	51. I31	9'5	S e *	58'424	-36'880	- 5	...	...
†	7'546	-15'152	- 5	...	...	S *	33'960	-55'988	1'15	52. II0	9'2	...	58'534	+ 7'187	- 4	...	...
...	8'083	-37'118	- 3	...	...	...	34'719	- 2'460	0'65	...	...	...	58'757	+32'095	- 5	...	...
...	+ 8'207	+ 7'068	- 4	...	...	...	+35'535	-53'807	0'70	52. III	10'4	...	+58'859	-55'856	1'00	52. II8	9'9
*	8'531	+52'259	0'85	50. II5	10'2	...	35'737	+26'997	- 1	...	...	e *	58'894	+22'591	- 2	...	...
...	8'697	-54'499	- 5	...	...	...	36'232	+27'084	- 5	m	...	...	59'059	+38'398	- 4	...	...
...	10'439	+34'222	- 3	...	...	...	36'663	+39'581	- 5	...	...	...	59'334	+40'169	- 5	...	...
...	12'442	+32'088	- 4	...	...	...	36'777	-25'180	0'65	...	...	...					
III						15I											
*	+13'669	-35'591	0'85	51. I25	10'2	...	+37'348	+55'041	- 5	m	...	...					
*	14'738	-15'268	0'85	51. I26	10'0	...	37'591	+35'791	- 5	m	...	...					
*	15'541	+41'891	0'85	50. II6	10'3	S *	38'581	-32'215	4'60	51. I32	6'1	...					
...	16'736	+40'534	- 4	...	...	...	39'318	+41'265	- 5	...	...	...					
...	16'974	+33'465	- 2	...	...	...	40'214	-19'386	- 1	51. I33	10'4	...					
...	+17'488	+ 2'484	- 5	...	...	...	+40'279	+35'398	- 4	...	...	...					
...	17'555	+47'311	- 3	...	...	...	40'672	-46'659	- 1	51. I34	10'4	...					
*	17'652	-18'493	1'05	51. I27	9'6	...	42'255	-52'779	- 2	...	...	...					
...	19'143	+32'473	- 3	...	...	...	42'434	-33'409	- 1	51. I35	10'4	...					
...	20'356	+44'509	- 5	...	...	*	45'081	-14'980	1'05	51. I36	9'5	...					
12I						16I											
...	+22'881	+53'665	0'90	50. II7	10'3	*	+45'289	- 0'201	1'20	51. I37	9'0	...					
...	22'891	+18'831	- 1	...	...	...	45'412	-32'731	0'65	51. I39	10'4	...					
...	23'457	-19'788	- 5	...	...	*	45'780	- 9'185	1'05	51. I38	9'4	...					
...	23'612	- 6'046	- 5	...	...	...	45'882	+ 9'680	- 4	...	...	...					
*	24'348	+21'690	1'00	50. II8	9'8	*	46'653	-55'150	1'05	52. II2	10'2	...					
...	+24'472	- 0'842	- 1	51. I28	10'4	S *	+46'723	+46'884	1'15	50. I24	9'0	...					
...	24'870	- 1'952	- 1	...	...	...	46'961	+15'857	- 4	...	...	...					
...	25'365	-54'896	0'80	52. I05	10'4	...	47'384	+12'565	- 5	...	...	...					
S *	25'367	+11'144	1'00	50. II9	9'3	...	49'170	-20'354	0'75	51. I40	10'2	...					
...	25'864	+ 5'233	- 5	...	...	S *	49'402	+17'806	1'60	50. I25	8'2	...					

1-10						11-20						21-30					
I	...	...	...	...	...	II	...	...	...	...	...	2I	...	...	...	...	...
...	-59'085	+ 2'915	- 5	...	...	...	-55'086	+ 7'263	- 4	...	...	...	-49'759	-57'637	0'70	...	...
†	58'866	+19'873	0'80	50. I27	10'3	E †	55'067	-14'975	1'00	51. I42	9'2	...	47'649	-19'810	- 4	...	...
...	57'460	+37'503	0'80	...	...	S E *	53'542	-35'624	1'15	51. I43	8'8	*	47'320	-38'356	0'90	...	...
E *	56'487	-14'573	0'85	51. I41	10'2	S N *	53'441	- 0'803	1'70	51. I44	8'4	...	46'953	+37'959	0'75	...	...
...	56'475	-14'613	- 2	...	...	E *	52'187	-55'719	1'10	52. II8	9'9	*	46'852	-36'195	2'20	51. I45	8'2
...	-55'875	+32'153	- 5	...	...	...	-51'836	+43'876	- 1	...	...	...	-45'995	-16'081	- 3	...	...
...	55'817	+38'452	- 2	...	...	*	51'167	+15'846	1'05	50. I30	9'6	...	45'668	-13'481	- 3	...	...
...	55'792	+16'666	0'65	...	...	...	50'152	-18'358	0'65	...	...	...	44'925	-23'723	0'65	...	...
...	55'611	+40'243	- 5	...	...	...	50'129	+52'068	- 5	...	...	...	43'947	+23'433	- 5	...	...
...	55'355	+22'665	0'70	...	...	...	50'077	-15'582	- 5	...	...	...	43'696	- 4'619	0'65	...	...

6 false stars deleted in revision.
 NM measured from 1, 68, 115.
 T " " 37, 93, 148.

14. Remeasure 1915, $\alpha = 53^{\circ}428$.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
31-90						91-150						151-169					
3I	-43°009	-9°216	-1	...	...	9I	-2°073	-6°490	1°10	5I. 149	9·6	15I	+44°873	-13°586	1°00	5I. 157	9·6
...	41°625	+46°195	0·65	...	...	...	-1°911	+57°205	0°70	...	...	...	45°749	-46°362	-4	...	...
...	41°408	-39°292	0·65	...	...	...	+0°303	+32°924	-3	...	...	S *	46°302	-57°891	1°30	52. 141	8·7
*	41°219	+48°553	1°05	50. 131	10·2	...	1°344	+23°382	-4	...	...	...	47°735	-1°737	-4	...	...
...	41°215	+33°884	-3	...	...	...	2°152	+13°768	-3	...	...	...	47°963	+18°806	-3	...	...
...	-41°159	+44°683	-4	...	...	S *	+2°737	-48°319	2°00	5I. 150	8·1	...	+49°453	+25°560	-3	...	...
†	39°923	-54°864	-1	...	...	...	4°356	-59°352	-1	...	...	...	50°035	+49°568	-4	m	...
...	39°821	+42°016	-4	...	...	...	4°907	+9°472	-4	...	...	...	50°496	+35°622	-4	...	...
...	39°623	+19°188	-2	...	...	...	5°272	-15°044	-1	5I. 151	10·2	...	51°291	-47°048	-4	...	...
...	38°519	-28°999	-3	...	...	...	7°373	+43°203	-2	...	...	...	51°938	-0°310	-4	...	...
4I	-38°425	-10°441	-4	...	...	10I	+8°800	-58°228	-4	...	...	16I	+52°403	+15°504	-1	...	...
S *	37°208	+59°563	1°40	50. 132	8·7	†	9°732	+52°786	-1	...	...	...	53°216	+17°453	0·65	...	...
...	37°061	+23°771	-4	...	...	*	13°396	+42°554	2°00	50. 143	8·1	*	55°191	+2°284	0°95	5I. 158	10·2
S *	37°058	+6°732	0°95	5I. 146	9·8	...	14°037	+4°143	-4	...	...	e *	55°350	-24°752	0°95	5I. 159	10·2
...	36°594	+38°361	-1	...	...	*	14°702	-52°965	1°10	52. 132	9·2	...	55°479	-27°499	-4	e	...
*	-36°248	+33°017	1°15	50. 133	8·9	...	+15°142	-52°168	0°70	...	...	e	+56°076	-2°473	0°70	5I. 160	10·3
...	34°982	-17°328	-1	...	...	S *	16°343	-3°904	2°30	5I. 152	8·1	...	57°268	+18°550	-3	e	...
†	32°235	-39°940	-3	...	...	...	16°467	-43°713	-2	...	...	...	57°756	+28°624	-3	...	...
...	32°121	-34°062	-3	...	...	...	16°653	+48°899	-4	...	...	...	58°176	-35°021	-3	e	...
...	32°050	-37°120	-4	...	...	...	18°371	-32°384	-2	...	...	...	...	...	...	...	...
5I	-31°620	+15°433	-2	...	...	III	+18°506	-23°089	-4	...	...	...	...	...	...	...	...
...	31°344	+55°351	-2	...	...	...	18°744	-34°167	-4	...	...	...	...	...	...	...	...
...	31°259	+30°999	-2	...	...	...	18°758	+44°643	-3	...	...	...	...	...	...	...	...
*	30°923	+45°676	0°95	50. 134	10·0	*	18°913	-48°574	1°10	5I. 153	9·6	...	...	...	...	...	...
*	29°524	+30°324	1°05	50. 135	9·6	†	19°805	-23°824	-5	...	...	...	...	...	...	...	...
...	-27°537	+13°744	0·65	50. 136	10·3	...	+20°250	+20°873	0°80	50. 144	10·4	...	...	...	...	...	...
*	27°213	+11°050	1°00	50. 137	10·0	*	22°055	+38°644	0°95	50. 145	10·2	...	...	...	...	...	...
...	27°173	+17°213	0°75	50. 138	10·2	...	24°024	+34°260	-4	...	...	...	...	...	...	...	...
...	26°774	+31°966	-4	...	...	...	24°524	-20°502	-4	...	...	...	...	...	...	...	...
...	26°405	-8°333	-1	...	...	...	25°106	+21°623	0°85	50. 146	10·4	...	...	...	...	...	...
6I	-25°318	-27°200	-5	...	...	12I	+25°307	-48°201	-3	...	...	...	...	...	...	...	...
...	24°568	-49°603	-2	...	...	...	25°625	+3°978	-3	...	...	...	...	...	...	...	...
*	24°299	+51°341	0°95	50. 139	10·2	...	25°755	+46°143	-3	...	...	...	...	...	...	...	...
...	23°918	+50°120	-4	...	...	...	27°134	-19°643	0·65	...	...	...	...	...	...	...	...
...	23°302	-14°259	-4	...	...	...	27°202	-35°827	0°70	...	...	...	...	...	...	...	...
...	-22°551	-21°448	-4	...	...	...	+29°099	-28°179	0°70	...	...	...	...	...	...	...	...
...	20°648	+29°464	-4	...	...	...	29°393	-27°284	-5	...	...	...	...	...	...	...	...
...	19°695	+16°892	-1	...	...	*	29°597	-28°523	0°90	5I. 154	10·2	...	...	...	...	...	...
...	19°220	-54°011	0·65	...	...	...	30°218	+5°420	-5	...	...	...	...	...	...	...	...
...	15°911	+32°254	-5	...	...	†	30°958	+29°917	0·65	...	...	...	...	...	...	...	...
7I	-15°543	-32°915	0°70	...	...	13I	+31°503	-27°217	-1	...	...	...	...	...	...	...	...
*	14°774	-33°475	0°95	5I. 147	10·2	S *	32°092	+12°107	1°10	50. 147	8·9	...	...	...	...	...	...
...	14°262	+15°597	-2	...	...	...	32°283	+12°376	-5	m	...	...	...	...	...	...	...
...	13°580	+6°018	-5	...	...	...	32°364	-33°971	0·65	...	...	...	...	...	...	...	...
...	13°116	+45°965	-4	...	...	...	32°417	-54°527	-3	...	...	...	...	...	...	...	...
...	-13°075	-58°059	0°80	...	...	...	+32°555	-14°203	0·65	...	...	...	...	...	...	...	...
S *	12°979	+51°673	1°15	50. 140	8·9	...	34°799	+37°665	0·65	...	...	...	...	...	...	...	...
...	12°188	-27°876	-4	...	...	S *	34°907	+48°221	1°90	50. 148	8·1	...	...	...	...	...	...
...	11°963	+2°820	-4	...	...	...	35°062	-47°633	-3	...	...	...	...	...	...	...	...
...	11°952	+20°896	-5	...	...	...	35°516	-55°577	-4	...	...	...	...	...	...	...	...
8I	-11°050	-52°974	0°70	...	...	14I	+35°850	+43°731	1°40	50. 149	8·6	...	...	...	...	...	...
...	9°385	-13°531	-5	...	...	...	35°862	+34°422	-3	...	...	...	...	...	...	...	...
...	9°157	+11°742	0·65	...	...	...	36°504	+2°118	-3	...	...	...	...	...	...	...	...
*	6°748	+2°306	1°00	5I. 148	10·2	...	36°515	-15°499	0·65	...	...	...	...	...	...	...	...
...	6°390	+55°209	-4	...	...	...	37°820	-38°336	-4	...	...	...	...	...	...	...	...
...	-6°048	-45°584	-4	...	...	*	+38°576	-31°003	0°90	5I. 155	10·2	...	...	...	...	...	...
...	5°358	-53°171	0·65	...	...	...	38°957	+40°131	0°95	50. 150	10·2	...	...	...	...	...	...
...	4°391	-48°527	0·65	...	...	...	41°441	-6°508	0·65	5I. 156	10·3	...	...	...	...	...	...
...	4°093	-45°583	-4	...	...	...	42°936	-27°346	-3	...	...	...	...	...	...	...	...
S *	2°954	+26°518	1°10	50. 141	9·0	...	43°634	+27°111	-2	...	...	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-58'207	+2'229	0.95	51. I58	10.2	6I	-34'866	+31'615	1.00	50. I54	10.0	I2I	-7'783	+33'637	-4	...	...
*	58'016	+23'472	-5	M	...	...	34'597	+50'125	-5	M	...	...	7'755	+43'988	-4	M	...
...	57'389	-18'904	-5	...	...	...	34'317	-37'743	-1	...	...	...	7'583	-4'816	-3	...	...
E *	57'136	-2'482	0.85	51. I60	10.3	...	34'117	-24'129	0.65	...	...	...	6'504	+57'289	-2	...	...
E *	56'958	-24'785	1.00	51. I59	10.2	S *	34'007	-31'692	1.40	51. I62	8.6	...	5'630	-53'326	-5	...	...
...	-56'803	+18'559	-3	E	...	...	-32'420	-7'291	-5	...	...	...	-5'512	-43'873	-3	...	...
...	56'739	+28'649	-3	...	...	...	32'339	-5'532	0.65	...	...	...	5'451	-30'057	-3	...	...
...	56'714	-27'514	-4	E	...	...	31'820	-19'437	-4	...	...	...	4'409	+20'475	-4	M	...
...	56'229	-35'915	-5	...	...	...	31'689	-9'247	0.70	...	...	*	4'355	-30'466	1.00	51. I69	9.6
...	56'141	+1'366	-5	M	...	...	30'107	+4'328	-5	M	...	...	4'349	-47'300	-5	...	...
II	-54'624	-40'671	-5	...	...	7I	-29'848	+25'102	1.10	50. I55	8.8	I3I	-4'123	-34'951	0.65	...	...
...	53'716	-34'925	-3	E	...	S *	29'740	-47'176	-4	...	...	...	2'843	+13'007	-3	...	...
...	53'254	-22'599	-5	...	...	...	28'559	+10'132	0.85	...	...	*	0'746	-46'221	0.80	...	...
...	53'178	+34'057	-3	...	...	...	27'593	+23'496	-5	M	...	...	0'565	-32'810	-4	...	...
...	52'963	+15'103	-3	...	...	...	27'388	+30'283	-4	M	...	...	0'515	-28'054	-4	...	...
†	-52'808	+54'651	-2	...	...	...	-27'214	-22'548	-4	...	...	*	-0'511	+48'884	0.90	50. I57	10.2
...	52'744	-55'103	-5	...	...	*	27'171	-43'635	1.00	51. I63	9.8	...	+0'237	-18'123	-4	...	...
...	52'410	-25'391	-4	...	...	...	27'080	-18'486	-4	...	...	...	0'303	-51'317	-3	...	...
...	51'938	-13'682	-5	...	...	...	26'621	-10'418	-5	...	...	†	1'057	+39'932	0.70	50. I58	10.3
...	51'922	+43'986	0.70	...	...	...	26'253	-22'277	0.70	...	...	*	1'183	-15'774	1.10	51. I70	9.6
2I	-51'394	-30'578	-4	...	...	8I	-26'240	+16'689	0.65	...	...	I4I	+1'546	-1'981	0.85	51. I71	10.3
...	51'284	-34'689	0.75	...	...	...	26'151	-2'938	0.65	...	...	...	1'607	+58'539	-1	...	...
...	51'111	+26'799	-2	...	...	...	25'776	+35'292	-3	A	...	...	1'784	+56'946	-1	...	...
...	50'871	-32'854	-4	...	...	*	24'831	-40'675	1.10	51. I64	9.6	...	1'840	+49'705	-4	...	...
...	50'773	-26'865	-2	...	...	...	24'759	+59'511	-5	M	...	S *	1'869	+45'215	1.30	50. I59	8.5
...	-50'755	+36'836	-3	A	...	...	-24'587	+53'881	-5	M	...	*	+3'140	+50'498	1.20	50. I60	8.6
...	50'438	-13'442	-2	...	...	...	24'151	-51'455	-5	...	...	...	3'263	-57'046	0.75	...	...
...	50'021	+16'960	-4	M	...	...	23'786	+13'891	-5	M	...	...	3'846	+41'171	-5	m	...
*	48'512	-30'608	0.80	...	...	...	23'014	-17'119	0.70	...	...	...	4'306	-45'355	-4	...	...
*	47'859	+33'772	1.00	50. I51	9.9	...	22'869	+33'267	-3	...	...	†	5'264	+6'606	-3	...	...
3I	-47'605	+2'269	-5	M	...	9I	-22'668	+0'230	-5	M	...	I5I	+5'773	+56'260	0.70	...	...
...	47'464	+6'249	-4	M	...	...	22'286	+50'759	-5	M	...	...	6'083	-46'025	0.65	...	...
S *	47'433	-10'381	1.20	51. I61	8.7	...	22'255	-59'814	-4	...	...	†	6'112	-9'985	0.70	...	...
*	47'234	+38'892	1.10	50. I52	9.2	...	21'498	-4'700	-5	...	...	...	6'573	+10'381	-5	m	...
...	47'120	-54'656	-3	...	...	...	20'830	-59'467	-5	...	...	*	6'660	-22'180	1.20	51. I72	9.0
...	-45'943	-12'910	-4	...	...	...	-20'767	-52'511	-3	...	...	...	+6'826	-43'180	-5	...	...
...	45'625	+39'099	-4	...	...	...	20'728	-27'633	-5	...	...	...	7'070	-20'823	-5	...	...
...	45'400	-54'505	-3	...	...	...	20'622	+22'343	-3	...	...	...	7'468	-46'786	-4	...	...
...	43'740	-45'209	-2	...	...	...	20'358	-2'891	-4	...	...	...	7'972	+20'147	-5	m	...
...	43'333	+11'618	-4	M	...	...	19'992	-35'707	-4	...	...	...	8'416	+13'107	-5	m	...
4I	-43'116	+32'746	-4	M	...	10I	-19'963	-46'078	0.75	...	...	I6I	+8'655	+44'749	-5	m	...
...	42'606	-6'847	-2	...	...	...	19'120	+4'438	-3	...	...	...	9'168	-17'385	-4	...	...
...	42'545	+36'646	-1	...	...	...	18'548	-50'938	-3	...	...	*	11'332	-16'170	0.90	51. I73	10.2
...	41'939	+31'049	-5	M	...	...	18'145	+24'525	0.70	50. I56	10.3	...	11'432	-43'288	-4	...	...
*	41'036	+16'933	1.00	50. I53	9.8	...	18'067	-18'515	-3	...	...	...	12'084	+32'220	-2	...	...
...	-40'974	+17'223	-4	M	...	...	-18'065	-1'799	-3	...	...	*	+13'101	-13'015	1.00	51. I74	9.6
...	40'964	-21'311	-2	...	...	...	16'827	-24'434	-3	...	...	...	13'766	+39'291	-4	m	...
...	40'240	-40'051	-4	...	...	...	16'795	+31'788	-3	...	...	*	14'787	-7'303	1.30	51. I75	8.8
*	40'158	+24'526	0.75	...	...	...	15'775	-5'901	-4	...	...	...	16'110	+25'323	-5	m	...
...	39'383	+11'971	0.70	...	...	...	13'491	+47'379	-2	...	...	...	16'589	-48'461	-4	...	...
5I	-37'977	+57'755	-1	...	...	11I	-12'445	+36'829	-3	...	...	I7I	+16'814	-58'036	-4	...	...
...	37'937	+25'571	-2	...	...	...	11'933	+50'403	-3	A	...	...	16'945	+53'025	0.65	...	...
...	37'585	-55'531	-1	...	...	*	11'456	-16'496	1.00	51. I65	9.8	...	17'749	-17'480	-4	...	...
...	37'294	-1'140	-5	...	...	S *	11'290	-22'206	1.20	51. I66	8.9	...	18'384	+30'000	1.00	50. I61	9.4
...	37'265	-19'089	-4	...	...	...	10'698	+53'108	-2	...	...	†	19'651	+56'203	-5	m	...
...	-36'973	+8'452	0.65	...	...	...	-10'234	-22'987	-4	...	...	...	+19'687	+40'749	-5	m	...
...	36'602	+8'903	-5	M	...	†	9'801	+14'602	-2	...	...	...	19'846	+13'571	-4	m	...
...	36'222	+56'558	-5	M	...	*	9'784	-19'716	0.80	51. I67	10.2	*	20'855	+35'607	1.10	50. I62	9.0
...	35'906	+28'510	0.70	...	...	...	8'550	+3'960	-5	M	...	...	20'974	+45'634	-4	m	...
...	35'584	-18'281	-5	...	...	S *	8'055	+3'802	1.00	51. I68	9.6	...	21'295	+24'639	-4	m	...

T measured from 1, 102, 178.

NM " " 62, 139, 226.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
181-210						211-240						241-253					
I8I				°		2II				°		24I				°	
...	+21°315	+31°890	-4	...	...	...	+33°840	+10°659	-3	...	...	...	+50°985	+3°015	-5	<i>m</i>	...
...	21°622	-34°049	-3	...	...	...	35°386	-52°523	-5	...	...	...	51°216	+41°689	-3	...	...
...	21°629	+53°059	-4	<i>m</i>	...	...	35°935	-25°055	-3	...	...	S *	51°404	-41°821	1°10	5I. I8I	9.6
...	21°868	+18°880	-5	<i>m</i>	...	...	37°352	-17°279	-5	...	...	*	53°053	-11°542	0°90	<i>e</i>	...
...	21°890	-41°940	-1	...	...	...	38°184	-46°338	-3	...	...	...	54°105	-8°889	0°70	<i>e</i>	...
S *	+22°290	+41°967	1°60	50. I63	8.4	...	+38°245	+19°327	-4	<i>m</i>	...	...	+54°296	+3°954	0°65	...	...
...	22°954	+43°896	-4	<i>m</i>	...	...	38°313	+8°350	-4	...	...	...	55°394	+55°603	-5	<i>m</i>	...
...	23°288	-23°145	-5	...	...	S *	38°424	+2°981	2°15	5I. I80	8.0	...	56°452	+30°780	-2	...	...
...	23°733	+1°461	-4	...	...	*	38°708	+12°930	1°10	50. I67	9.0	...	57°283	-12°552	-4	...	...
...	23°753	-25°835	0°70	5I. I76	10.2	...	38°712	+29°528	-3	<i>b</i>	...	...	57°381	-21°104	-5	...	...
I9I						22I						25I					
*	+24°859	+10°851	0°95	50. I64	9.6	...	+38°734	-27°782	-3	...	...	...	+57°488	+55°771	-5	<i>m</i>	...
†	25°076	-39°838	-2	...	...	...	38°863	-23°205	-4	...	...	...	57°589	+2°088	-5	<i>m</i>	...
...	25°456	+55°292	-4	<i>m</i>	...	...	39°011	+57°457	-4	<i>m</i>	...	...	57°751	+29°126	-5	<i>m</i>	...
...	25°751	-58°871	0°80	...	...	...	39°197	+4°844	-5	<i>m</i>	...	...					
...	25°843	+7°696	-4	<i>m</i>	...	...	39°331	+3°124	-3	...	...	...					
*	+26°260	-20°620	0°90	5I. I77	10.2	...	+40°378	-11°777	-4	...	...	...					
...	26°281	-24°745	-4	...	...	*	40°460	+33°697	0°90	50. I68	10.0	...					
...	26°674	-40°870	-4	...	...	...	41°325	+31°340	-4	...	...	...					
...	27°028	+42°728	-5	<i>m</i>	...	...	41°695	+49°538	-5	<i>m</i>	...	...					
*	28°477	+41°526	1°05	50. I65	9.6	...	43°323	-13°171	-5	...	...	...					
20I						23I											
...	+28°566	+36°220	-4	<i>m</i>	...	*	+43°447	+14°741	1°30	50. I69	9.0	...					
...	28°896	+11°303	-5	<i>m</i>	...	...	45°664	+15°920	-5	<i>m</i>	...	...					
...	30°134	-54°485	-3	...	...	†	47°504	+20°041	-2	...	...	...					
*	31°064	+21°395	1°10	50. I66	9.0	...	48°234	+53°153	-3	<i>b</i>	...	...					
S *	32°205	-11°511	1°70	5I. I78	8.2	†	48°281	+4°856	-5	<i>m</i>	...	...					
...	+32°453	-1°324	-4	...	...	...	+48°414	-4°991	-5	...	...	...					
...	32°650	-57°707	-4	...	...	...	48°689	+11°759	-5	<i>m</i>	...	...					
...	32°862	-59°269	-2	...	...	...	49°145	-48°311	-5	...	...	...					
*	32°959	-11°191	1°80	5I. I79	8.4	...	49°523	+11°731	-4	<i>m</i>	...	...					
...	33°476	+31°930	0°65	...	...	...	49°856	+51°434	-4	...	...	...					

1-20						21-40						41-60					
I						21						41					
...	-59°801	-11°694	0°70	°E	...	...	-40°206	-40°991	-2	...	...	...	-19°454	+48°600	-3	...	...
...	59°200	+3°842	0°65	...	...	...	37°378	+14°383	-2	...	...	...	17°208	+59°090	-2	...	...
...	58°853	-8°995	-3	E	...	S *	37°122	-2°374	0°95	51. 185	9.8	*	16°047	+54°630	1°80	50. 177	8.2
...	58°108	+30°737	-5	...	...	...	35°626	-46°536	-5	...	...	...	15°531	+26°031	-4	...	...
...	50°786	-10°926	-5	<i>p</i>	...	...	30°496	-21°134	-4	...	...	*	15°372	-36°285	0°95	51. 188	10.4
...	-50°300	-4°663	-4	...	...	...	-27°185	-52°338	-4	<i>p</i>	...	...	-13°268	+18°870	-1	50. 178	11.2
...	50°225	-17°299	-5	<i>p</i>	...	...	26°340	+28°898	-3	...	...	...	12°626	+32°679	-5	...	...
...	50°189	-47°938	-4	...	...	...	26°023	+0°315	-4	<i>β</i>	...	...	11°088	-27°036	-3	...	...
...	47°820	+37°613	-5	...	...	...	25°417	-0°080	-2	...	...	*	10°320	+50°063	1°80	50. 180	8.6
...	46°968	-11°895	-4	...	...	...	24°589	+19°044	-1	...	...	S *	8°854	+43°998	3°10	50. 181	7.0
II						31						51					
...	-46°827	-31°907	1°00	51. 182	9.9	...	-24°268	+48°492	-5	...	...	...	-8°540	-23°141	-5	<i>p</i>	...
...	46°096	-38°844	-5	<i>p</i>	...	*	23°440	+27°542	1°15	50. 174	8.8	...	7°989	+3°636	-3	...	...
*	45°336	-51°530	1°20	51. 183	9.4	*	23°188	-18°235	0°95	51. 186	9.6	S *	7°282	-27°638	2°90	51. 189	6.8
†	44°906	+32°278	-4	...	...	*	22°905	-27°354	0°95	51. 187	9.9	...	6°125	-49°136	-3	...	...
...	43°763	-15°607	-3	...	...	...	22°535	-59°376	-4	...	...	...	5°927	-56°121	-4	...	...
...	-42°960	+44°655	-5	...	...	*	-21°924	+40°042	1°15	50. 175	9.0	...	-5°421	+54°564	0°75	50. 182	11.2
S *	42°570	+40°349	1°20	50. 171	8.5	Sn *	21°436	+21°350	1°05	50. 176	9.0	...	4°430	-3°887	-4	...	...
S *	42°270	-34°013	2°00	51. 184	7.9	...	21°248	+36°160	-4	...	...	...	3°656	-54°460	-5	<i>p</i>	...
...	42°035	-11°707	0°65	...	...	<i>n</i>	21°161	+21°118	0°70	50. 176	9.0	...	3°546	-28°563	0°85	51. 190	10.2
...	40°391	-19°634	-5	<i>p</i>	...	...	19°725	+52°693	-3	...	...	...	3°283	-55°836	-5	<i>p</i>	...

13 false stars deleted in revision.

NM measured from 1, 66.

T " " 26, 99.

37, 39. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	-I.	No.	Mag.		x.	y.	-I.	No.	Mag.		x.	y.	-I.	No.	Mag.
61-80						81-100						101-118					
6I	-3.130	+31.066	-4	...	...	8I	+11.594	-15.642	0.65	...	...	10I	+33.825	-9.910	-4	...	...
...	2.796	-19.516	-4	...	...	...	14.213	+26.913	0.75	50. 190	II.0	...	34.275	-41.636	-2	...	...
...	2.714	-45.959	-2	...	...	...	15.376	-24.293	0.65	...	...	...	37.844	+55.300	-4	...	...
*	2.010	+48.971	1.05	50. 184	9.8	...	17.241	+12.042	0.65	...	...	...	37.849	+44.183	-3	...	...
...	-0.610	+57.333	-4	...	...	*	18.382	+57.633	2.00	50. 191	8.6	...	38.234	-36.710	-4	...	...
...	+0.236	+53.810	0.85	50. 186	10.8	*	+20.309	-44.268	1.00	51. 193	10.2	...	+39.094	+19.859	-3	...	...
...	2.419	+4.922	0.75	51. 191	II.0	...	21.492	-21.679	-5	p	...	...	40.065	+13.639	-3	...	...
...	4.205	-59.252	0.70	...	...	S *	21.607	+30.449	0.90	50. 192	10.4	...	40.214	+20.856	-4	...	...
...	4.693	-49.088	-5	p	...	...	23.802	+55.908	-1	...	...	S *	40.975	-20.683	-2	51. 199	II.2
...	6.094	+24.309	-5	...	...	*	24.724	+52.637	1.05	50. 193	10.2	III	41.912	+45.290	1.15	50. 194	9.4
7I	...	...	...	...	...	9I	...	...	...	...	...	...	+45.752	+18.243	-4	...	...
...	+6.377	+49.679	-4	...	...	...	+24.731	-36.222	-3	...	...	...	49.428	+52.550	-2	50. 195	II.2
...	6.516	+36.601	0.65	...	...	...	25.321	-19.963	0.85	51. 194	10.6	...	49.603	+51.220	-5	...	...
...	7.133	+32.178	0.70	50. 188	II.2	*	26.569	-38.515	1.15	51. 196	9.2	...	51.301	-25.720	0.85	51. 200	10.4
...	8.454	+30.111	0.70	50. 189	II.2	*	26.848	-3.845	0.95	51. 195	10.6	*	52.307	-6.610	0.90	51. 201	10.6
...	8.722	+36.545	0.65	...	...	...	28.141	-11.487	-5	p	...	e	+53.547	-6.498	0.65	51. 202	II.0
...	+8.944	-50.988	-5	p	...	S *	+28.653	-21.500	0.95	51. 197	10.2	...	55.479	-25.400	-2	e	...
...	9.354	-3.519	0.80	51. 192	10.6	S †	29.892	-47.941	1.10	51. 198	8.8	e	56.987	-10.222	0.90	51. 203	10.6
...	10.085	-47.202	0.65	...	...	...	30.381	-36.442	-3	...	...	...	...	...	...	...	...
...	10.494	-44.305	-5	p	...	†	31.599	-24.866	-4	...	...	...	...	...	...	...	...
...	10.614	-44.244	-5	...	...	...	31.779	+10.855	-2	...	...	...	...	...	...	...	...

1-30						31-60						61-90					
I	-59.499	-6.623	0.70	51. 202	II.0	3I	-29.259	-41.210	-5	...	...	6I	-12.302	-34.470	0.95	51. 216	10.2
E	56.804	-25.441	-1	E	...	...	28.672	-9.560	-5	...	...	*	9.830	-1.560	-5	...	...
E	55.919	-10.205	0.85	51. 203	10.6	S *	28.442	-43.896	2.10	51. 209	7.4	*	9.500	+21.988	1.60	50. 206	8.4
...	54.543	+28.351	-4	...	...	...	28.167	-17.955	0.65	...	...	...	9.200	-55.277	0.85	52. 190	10.8
...	53.278	+5.134	0.65	...	...	S †	27.050	+34.841	2.40	50. 202	7.4	...	9.123	+42.863	0.70	50. 207	II.0
...	-52.127	+24.346	-4	...	...	...	-25.816	-21.410	-4	...	...	...	-7.506	-7.059	0.70	51. 217	II.2
...	51.284	+45.603	-4	...	...	...	24.384	-8.584	-5	...	...	...	6.888	-29.800	-4	...	...
...	51.190	-8.558	-3	...	...	...	23.568	-37.036	0.75	51. 210	10.6	...	4.702	+43.795	-4	...	...
...	48.689	-6.304	0.75	51. 204	10.8	...	23.225	+31.709	-1	...	...	...	3.890	-5.728	-5	...	...
...	46.130	-7.116	-3	...	...	...	22.756	+14.250	0.65	...	...	S *	3.412	+5.103	2.00	51. 218	8.1
II	...	...	...	...	...	4I	...	...	...	...	...	7I	...	...	...	...	...
*	-46.064	-18.022	1.10	51. 205	9.8	...	-22.594	-33.559	-5	...	...	...	-2.813	+33.042	-1	...	...
...	45.473	+21.145	-2	...	...	*	21.839	-45.849	1.15	51. 211	9.6	...	1.835	+26.552	0.65	50. 208	II.0
S *	43.393	+2.504	1.20	51. 206	9.2	...	20.983	-46.457	0.65	...	...	†	0.850	+34.966	-1	...	...
...	43.245	+25.529	0.70	50. 197	II.2	...	20.716	+1.999	0.65	...	...	...	-0.685	+46.035	0.70	50. 209	10.8
...	43.024	+12.631	-5	...	...	...	20.390	-23.553	0.65	...	...	...	+0.060	+10.482	0.70	50. 210	II.2
...	-40.988	-13.756	-4	...	...	...	-20.308	+41.792	-4	...	...	...	+0.638	-9.653	-4	...	...
...	39.131	+51.314	-4	...	...	†	20.172	-5.033	2.20	51. 212	7.8	...	1.302	+2.750	-4	...	...
...	38.788	-22.754	0.85	51. 207	10.6	...	19.822	+42.485	-5	...	...	S *	4.670	-37.967	1.40	51. 219	8.2
...	37.856	+30.988	-2	...	...	...	19.499	-8.041	0.80	51. 213	10.6	*	5.861	-43.881	0.90	51. 220	10.2
*	37.449	-37.765	1.15	51. 208	9.8	...	18.109	+0.472	-4	...	...	...	5.906	+20.387	0.65	50. 212	10.6
2I	...	...	...	...	...	5I	...	...	...	...	...	8I	...	...	...	...	...
...	-37.265	+5.455	-2	...	...	*	-17.617	-20.075	1.00	51. 214	10.0	...	+6.232	-43.254	-4	...	...
...	37.115	+5.251	-2	...	...	...	16.157	-25.966	-5	p	...	S *	6.651	+41.046	1.20	50. 213	9.0
...	35.214	+21.132	-5	...	...	...	15.681	+34.824	0.65	50. 203	II.2	...	7.412	+15.993	0.75	50. 214	10.4
...	34.988	+53.680	0.75	50. 200	II.2	S *	15.274	+57.528	1.70	50. 204	8.4	...	7.858	-49.541	-4	...	...
...	33.955	+3.223	0.70	...	...	†	15.192	-19.976	0.65	...	...	...	7.927	-15.195	0.75	51. 221	10.4
†	-32.973	+19.927	-3	...	...	...	-14.675	-31.593	0.65	51. 215	II.2	...	+8.389	-34.992	-4	...	...
...	32.243	+29.415	0.75	50. 201	II.2	...	14.542	-10.546	-4	...	...	...	11.465	+56.331	-2	50. 215	II.0
...	31.043	+48.351	-5	M	...	*	14.305	+45.593	3.20	50. 205	7.0	...	11.859	+45.812	-3	...	...
...	30.330	-3.773	-5	p	...	...	13.312	-44.370	-5	p	...	...	14.096	+25.129	0.70	50. 216	10.6
...	29.674	-8.176	-5	...	...	...	12.775	+55.017	-1	...	...	†	15.050	+13.512	-2	50. 217	II.2

5 false stars deleted in revision.
T measured from 1, 76.
NM " " 37, 105.

Notes.	Co-ordinates.		Diam. 0.65	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
91-110						111-130						131-142					
9I				°		III				°		I3I				°	
...	+16.627	-31.089	-4	...	...	...	+36.660	+3.884	0.65	...	...	...	+49.729	-36.575	0.70	...	...
...	19.283	+39.158	-3	...	...	...	36.744	+29.321	0.65	...	...	†	49.910	+39.987	-1	...	...
†	19.425	-19.948	-5	<i>p</i>	...	...	36.868	-51.245	-4	...	...	...	52.497	+5.059	-5	<i>m</i>	...
...	19.703	+11.940	-4	...	...	*	38.338	-59.268	1.30	52. 203	9.4	S	52.677	+45.129	0.90	50. 223	10.2
...	21.559	+33.134	-4	...	...	...	41.436	-51.673	-5	<i>p</i>	...	...	53.111	+52.750	-5	...	...
...	+21.681	+47.653	-2	50. 218	II.2	...	+42.669	-39.740	-5	<i>p</i>	...	...	+53.224	-39.451	-5	<i>e</i>	...
*	23.069	+33.626	1.15	50. 219	9.4	...	43.852	+44.695	-5	<i>m</i>	...	...	54.589	+1.009	-2	...	...
...	23.180	+32.196	-3	...	...	...	44.655	+2.005	-4	...	...	...	56.651	+56.220	-5	...	...
...	23.472	-43.595	-1	51. 222	II.2	...	44.693	-36.634	-3	...	...	...	57.227	-17.698	-5	<i>p</i>	...
...	23.892	-26.538	0.75	51. 223	10.8	*	45.263	-38.896	1.00	51. 226	10.0	...	58.073	+8.169	0.70	50. 224	II.2
IOI						I2I						I4I					
...	+24.246	+25.991	-1	50. 220	II.2	*	+46.699	+11.182	0.95	50. 222	10.4	...	+58.724	-47.261	-5	<i>e</i>	...
...	24.653	+5.932	0.70	51. 224	II.2	...	46.995	-48.480	0.65	...	...	...	58.954	+9.623	-5	...	...
...	25.291	+8.802	0.70	50. 221	II.0	...	47.198	+22.320	-2	...	...	...					
...	27.763	+2.525	-5	...	...	...	47.505	-21.907	0.70	51. 227	10.8						
...	30.911	-6.753	-3	...	...	...	47.612	-8.735	-4	...	...						
S *	+31.207	-57.176	1.20	52. 201	9.2	...	+47.898	-33.591	-5	<i>p</i>	...						
...	32.919	-55.142	0.65	...	...	...	48.063	+15.986	-5	...	...						
†	33.261	+44.892	0.65	...	...	...	48.222	+26.380	-5	<i>m</i>	...						
*	33.505	-33.588	0.95	51. 225	10.0	...	48.542	-32.826	-3	...	...						
...	33.884	+14.845	-3	...	...	...	48.613	+50.842	-2	...	...						

1-30						31-60						61-90					
I	...	...	...	...	...	3I	...	...	...	...	...	6I	...	...	...	...	...
...	-58.778	+0.920	-4	...	...	...	-28.947	+41.468	-3	...	...	...	-3.663	-47.898	-3	...	...
...	58.483	-39.562	-5	E	...	...	28.917	-3.030	-1	51. 230	II.2	...	2.280	-30.099	-5	...	...
...	55.596	+8.221	0.65	50. 224	II.2	...	27.901	+46.393	-5	M	...	...	1.448	+43.975	-3	...	...
...	52.666	-47.123	-5	E	...	...	27.678	-57.973	-5	...	...	...	-1.248	+43.817	-4	...	...
...	49.675	+30.106	-5	M	...	...	26.070	+29.108	0.70	50. 235	II.2	*	+0.206	-30.746	0.90	51. 234	10.2
...	-48.004	+19.059	0.65	...	...	...	-26.011	+11.115	-4	...	...	*	+1.152	+55.960	1.00	50. 241	10.6
...	46.465	+38.496	-5	M	...	...	24.208	-4.641	-5	...	...	S *	1.683	-18.967	3.90	51. 235	6.6
...	46.327	-55.886	-4	...	...	...	23.562	-4.666	-2	...	...	...	2.901	-15.443	-5	<i>p</i>	...
...	46.171	-55.820	0.75	52. 209	10.6	...	22.667	+59.669	0.85	50. 236	II.2	...	2.920	+27.983	-4	...	...
...	46.097	+52.415	0.70	50. 226	II.2	...	21.086	+7.590	-5	...	...	...	3.864	+20.867	-5	...	...
II	...	...	...	...	...	4I	...	...	...	...	...	7I	...	...	...	...	...
...	-45.470	+25.595	0.70	50. 227	II.2	...	-21.059	+10.993	-3	...	...	...	+4.766	-55.795	-5	...	...
...	44.997	+42.479	-5	...	...	...	20.773	-48.959	-2	...	...	...	6.075	-25.243	0.75	51. 236	10.6
†	44.959	-44.199	0.65	...	...	*	20.724	-13.254	1.10	51. 231	9.8	...	7.100	+6.823	-5	...	...
...	42.263	+15.183	-3	...	...	*	20.512	-8.727	1.60	51. 232	8.4	...	7.818	+3.873	-1	51. 237	II.2
...	41.796	+40.529	0.65	...	...	*	17.643	+50.699	1.00	50. 237	10.0	S *	7.936	+24.723	1.20	50. 242	9.0
S *	-41.027	+27.106	2.90	50. 228	7.0	...	-16.818	+8.657	-3	...	...	S *	+8.204	+51.231	1.50	50. 243	8.2
*	40.733	-2.379	1.00	51. 228	10.0	...	16.546	-51.213	-3	...	...	*	8.433	+26.636	0.85	50. 244	10.4
...	39.729	+22.264	-2	A	...	S *	16.345	+23.860	1.70	50. 238	8.4	...	10.279	+27.979	0.95	50. 245	10.2
...	39.021	+22.771	-3	...	...	...	16.216	-20.012	-2	...	...	...	10.588	-15.638	0.70	51. 238	II.2
S *	38.854	-28.544	1.05	51. 229	9.8	...	16.065	+34.287	-3	...	...	...	11.036	+4.554	-4	...	...
2I	...	...	...	...	...	5I	...	...	...	...	...	8I	...	...	...	...	...
*	-35.555	+14.080	0.95	50. 230	10.4	*	-16.063	-58.796	0.95	52. 213	10.4	...	+11.231	-15.804	0.70	51. 239	II.2
...	35.501	-21.899	-3	...	...	...	12.867	-56.690	-5	...	...	...	11.267	+18.976	-4	...	...
...	33.175	-56.938	-5	<i>p</i>	...	S *	11.965	-31.385	2.00	51. 233	8.0	*	11.354	+40.827	1.00	50. 246	10.2
...	32.182	-30.587	0.65	...	...	...	10.031	+20.448	-3	...	...	...	12.436	+55.498	-5	...	...
...	30.333	-42.666	-5	...	...	...	9.127	+24.865	-4	...	...	...	12.666	+4.856	-5	...	...
...	-29.961	+24.629	-5	...	...	†	-7.886	+59.883	-4	...	...	...	+13.555	-56.972	0.70	52. 219	II.1
*	29.759	+17.299	1.20	50. 232	9.4	...	6.991	+33.274	-3	...	...	...	13.701	+37.801	-1	...	...
...	29.445	+13.846	-2	50. 233	II.2	...	6.882	+50.803	0.75	50. 240	II.2	...	14.877	+37.236	0.70	...	...
...	29.229	+40.532	-3	...	...	...	6.355	-20.711	-5	...	...	...	15.369	-22.030	-4	...	...
*	29.225	+44.054	1.20	50. 234	9.2	...	5.676	-58.398	-4	...	...	...	17.491	+11.274	0.65	...	...

8 false stars deleted in revision.

NM measured from 1, 65.

MC " " 26, 112.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
91-110						111-130						131-146					
9I	+19'246	+49'567	0.65	...	...	III	+29'684	+29'176	-5	m	...	I3I	+45'148	+14'338	1.00	50. 259	9.2
...	19'331	-20'921	0.95	51. 240	10.4	...	31'544	-22'282	-4	...	...	S *	47'655	-9'955	1.05	51. 249	8.8
...	19'472	-45'373	0.80	51. 241	10.6	...	31'563	-5'607	-4	...	...	*	47'760	+17'526	3.50	50. 261	6.3
*	19'824	+42'889	0.90	50. 248	10.2	...	34'296	-20'243	-4	...	...	...	48'014	+34'321	0.80	50. 260	10.4
*	20'502	-55'125	0.85	52. 223	10.6	S †	34'829	+14'998	1.50	50. 252	8.8	*	49'936	+10'175	1.10	50. 262	9.1
*	+20'938	+19'616	1.40	50. 249	9.2	...	+35'745	-38'128	-4	...	...	...	+50'488	+27'283	-4	...	...
...	21'223	+49'726	-4	...	...	...	37'015	+46'791	0.80	50. 253	10.8	*	51'589	+31'451	1.50	50. 263	8.4
...	21'880	-43'967	0.65	...	...	...	38'408	-38'937	-4	...	...	†	52'569	-54'689	-2	e	...
...	22'629	+46'294	0.75	50. 250	10.8	...	40'732	+3'035	-2	51. 246	11.2	...	54'508	+15'734	0.65	50. 265	10.5
...	23'630	-0'329	-1	51. 242	11.2	...	41'714	+26'275	-5	m	...	...	54'694	-31'029	-1	e	...
IOI	+24'633	-50'278	0.80	51. 243	10.8	I2I	+42'146	-52'541	-2	51. 247	11.2	I4I	+54'715	+33'948	1.00	50. 264	9.8
...	25'867	-22'740	0.70	51. 244	11.2	...	42'355	+37'227	0.70	50. 255	11.0	...	55'192	-0'943	-2	e	...
...	26'086	+55'696	0.70	50. 251	11.2	*	42'358	+40'762	0.95	50. 254	10.6	...	56'344	+34'034	-2	50. 267	10.5
...	27'355	+2'964	-5	...	...	...	42'653	-35'161	0.70	51. 248	11.2	...	56'451	+55'889	-4	...	...
...	27'413	-37'073	-5	p	...	...	42'734	-32'969	-4	...	...	S †	56'543	+30'140	1.80	50. 268	8.3
...	+27'782	-0'271	-3	...	...	*	+43'042	+12'844	1.20	50. 258	9.2	*	+59'265	+49'166	1.40	50. 269	9.4
...	27'813	+9'915	-5	...	...	†	43'246	+54'920	-3	50. 256	11.2	...	...	...	...	...	...
*	27'996	+0'988	3.00	51. 245	6.8	*	43'253	+37'929	1.20	50. 257	9.0	...	...	...	...	...	...
...	28'228	+38'528	0.65	...	...	...	43'403	-53'692	-2	52. 229	11.1	...	...	...	...	...	...
...	28'578	+52'302	-5	...	...	...	44'339	+41'750	-4	...	...	...	...	...	...	...	...

1-30						31-60						61-90					
I	-59'983	+33'833	1.00	50. 264	9.8	3I	-35'993	-31'736	-3	...	...	6I	-10'371	+2'414	1.40	51. 257	9.0
†	59'452	+15'632	-1	50. 265	10.5	...	34'228	-48'096	-5	...	...	*	9'805	+53'707	-1	...	...
...	59'134	+55'840	-4	...	...	...	33'347	+25'652	-3	...	...	*	8'608	+52'122	0.95	50. 281	10.4
†	58'508	-54'829	-3	E	...	...	32'893	+41'773	-5	M	...	...	8'281	+11'977	-4	...	...
...	58'349	+33'979	-2	50. 267	10.5	...	32'828	+36'419	-5	M	...	...	8'118	-36'751	-5	p	...
...	-58'083	-1'024	-2	E	...	*	-30'786	-6'898	1.30	51. 255	9.1	...	-7'976	-42'707	-5	...	...
S *	57'984	+30'106	1.80	50. 268	8.3	...	30'624	-46'752	-3	...	...	...	7'250	+29'196	-5	...	...
...	57'358	-31'103	0.70	E	...	*	30'380	+42'132	0.95	50. 274	10.0	...	6'787	-0'354	0.80	51. 258	10.4
*	56'051	+49'232	1.40	50. 269	9.4	...	29'003	-22'158	-5	...	...	...	6'681	-20'264	-4	...	...
*	52'824	+57'943	1.50	50. 270	8.7	...	28'551	-19'434	-4	...	...	...	6'483	+16'156	1.05	50. 282	9.2
II	-52'518	+58'585	1.70	50. 271	8.6	4I	-27'601	-50'978	-1	...	...	7I	-5'119	-44'037	0.65	...	...
S *	52'462	+1'585	-3	...	...	...	27'427	-20'088	-4	...	...	†	4'516	+5'363	-5	...	...
...	51'762	+14'529	-3	...	...	...	26'510	+48'204	-4	...	...	...	3'128	+38'664	0.65	50. 283	10.5
...	49'345	+30'349	-3	B	...	...	26'506	+38'340	0.65	...	...	...	2'873	+25'187	-4	...	...
...	46'391	+30'784	-1	...	...	...	26'369	-13'602	-4	...	...	...	1'640	+35'934	0.65	50. 284	10.5
...	-46'158	-49'780	-3	...	...	...	-24'956	-42'154	0.70	51. 256	10.5	...	-0'106	+56'118	0.75	50. 285	10.4
...	45'599	-19'122	0.70	51. 250	10.5	...	24'606	-46'569	-4	...	...	...	+1'143	-5'647	0.80	51. 259	10.4
...	44'810	+12'674	-3	...	...	S †	24'440	-54'841	0.95	52. 238	10.1	...	1'347	+40'042	-3	...	...
...	44'233	+1'527	0.80	51. 252	10.4	†	23'413	+19'965	0.70	50. 275	10.5	...	1'350	-4'131	-4	...	...
*	44'175	-26'474	1.30	51. 251	9.0	S *	22'480	+8'175	1.20	50. 276	9.1	M α	2'076	+0'118	0.75	51. 260	10.4
2I	-44'039	-21'194	-3	...	...	5I	-22'384	-13'499	-5	...	...	8I	+2'252	+40'683	-2	M	...
...	43'914	+35'921	1.00	50. 272	9.6	...	21'326	-2'028	-4	...	...	*	4'445	+8'912	0.95	50. 286	9.8
...	43'866	+6'349	0.75	51. 253	10.5	...	17'938	+27'952	-5	...	...	S *	5'186	-25'191	1.10	51. 261	9.1
...	42'206	+31'390	-5	M	...	...	16'646	-59'738	0.65	...	...	...	6'951	+57'177	0.75	...	...
...	40'992	-34'026	-4	...	...	S *	16'237	+40'398	3.60	50. 277	6.8	*	7'938	+4'515	1.00	51. 262	9.8
...	-39'682	+24'685	-3	...	...	...	-13'080	-14'105	-5	...	...	S *	+13'412	+22'222	1.40	50. 287	8.5
...	39'164	-10'951	-2	...	...	...	12'422	+27'427	0.70	50. 278	10.4	...	13'483	-7'026	-5	p	...
S *	39'098	-21'409	1.15	51. 254	9.1	...	12'140	-51'808	0.65	...	...	S *	13'961	-48'750	0.90	51. 263	10.3
...	38'226	-33'774	-3	...	...	...	10'951	-3'408	-1	...	...	...	15'153	-40'033	-2	...	...
...	36'054	-5'979	-3	...	...	*	10'534	+14'354	1.00	50. 280	9.8	...	15'835	+20'693	-1	...	...

9 false stars deleted in revision.

MC measured from 1, 76.

NM " " 39, 105.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
91-110						111-130						131-135					
9I				°		III				°		I3I				°	
...	+17.587	+16.124	-5	...	...	...	+36.670	-30.316	0.65	...	...	...	+52.728	-12.473	-5	<i>p</i>	...
...	18.352	+3.258	-4	...	...	...	37.523	-38.596	-5	<i>p</i>	...	*	55.797	+50.172	0.95	50. 295	10.3
*	19.295	-3.150	1.50	5I. 264	8.7	S *	39.366	+23.108	1.90	50. 29I	8.0	...	57.979	-26.957	-5	<i>e</i>	...
...	20.777	-50.672	-4	...	...	...	41.245	+34.853	-3	<i>a</i>	...	<i>e</i>	58.047	-37.279	0.90	5I. 269	10.4
...	21.307	-26.815	-3	...	...	...	41.760	-23.735	-4	...	...	...	58.814	+26.670	-5	<i>e</i>	...
...	+22.371	+59.102	0.90	50. 288	10.3	...	+41.787	-25.801	-4	...	...						
...	24.553	+6.828	-4	...	...	S *	42.575	+1.191	1.80	5I. 266	8.2						
...	24.571	-51.293	0.80	5I. 265	10.5	*	43.391	-13.688	1.00	5I. 267	9.6						
...	27.011	+56.557	-5	<i>m</i>	...	...	44.611	+54.116	0.80	...	...						
...	27.780	+21.821	-3	...	...	...	45.504	+40.412	0.70	...	...						
IOI						I2I											
†	+28.068	-24.944	-3	...	...	...	+45.801	-20.580	0.65	...	...						
...	28.682	-12.701	-3	...	...	*	46.308	+44.660	0.85	50. 293	10.4						
*	28.744	+12.990	1.00	50. 289	9.8	...	46.799	+20.641	-4	...	...						
...	29.310	+47.891	0.80	50. 290	10.5	...	47.146	+19.731	-5	<i>m</i>	...						
...	31.433	+49.106	-5	<i>m</i>	...	...	47.446	+12.504	-5	<i>m</i>	...						
...	+31.742	+50.700	-1	...	...	...	+50.177	+9.183	0.65	...	...						
...	33.547	+42.398	-5	<i>m</i>	...	...	50.279	-26.029	-3	...	...						
...	33.903	+30.014	-3	...	...	...	50.291	+35.338	-5	<i>m</i>	...						
...	34.638	-28.905	-4	...	...	...	50.804	+40.716	-5	<i>m</i>	...						
...	35.896	+24.507	-5	<i>m</i>	...	*	51.324	-17.256	1.00	5I. 268	10.0						

1-30						31-60						61-90					
I						3I						6I					
...	-58.306	+23.655	-5	M	...	...	-41.786	+11.756	-1	...	...	...	-23.006	+31.986	0.70	50. 305	10.5
...	55.593	+26.710	-5	E	...	...	41.432	-10.092	-5	...	...	...	22.379	-25.449	-4	...	...
...	54.247	-26.892	-4	E	...	...	41.312	-56.920	-3	...	...	*	20.636	+18.981	0.90	50. 306	9.8
...	53.787	+6.953	0.65	...	...	...	40.250	-7.532	-5	...	...	SN†	19.051	-54.684	1.10	52. 268	9.1
E	53.750	-37.201	0.90	51. 269	10.4	...	39.014	-26.409	-4	...	...	...	18.892	-58.609	-5	...	...
...	-53.128	-57.452	-5	...	...	*	-37.924	-29.153	0.90	51. 274	10.0	...	-15.284	+37.938	-2	...	...
...	51.819	-18.329	-5	...	...	...	37.577	+43.228	0.80	50. 301	10.4	...	14.416	-49.211	0.65	51. 278	10.5
...	51.432	+33.418	-4	M	...	...	36.255	+46.331	-4	...	...	...	14.225	-55.846	-5	...	...
...	50.908	+38.566	0.65	...	...	...	34.598	+32.193	-4	...	...	...	14.118	-30.576	0.80	51. 279	10.3
S *	50.330	-38.345	1.15	51. 270	9.0	...	34.377	-45.227	0.65	...	...	...	12.259	+9.993	-3	...	...
II						4I						7I					
...	-49.443	+57.792	-1	...	...	...	-34.158	-32.735	-5	...	...	...	-10.831	-42.765	-4	...	...
...	49.070	+18.480	-5	M	...	...	33.534	+45.045	-5	...	...	...	10.695	+5.086	-5	...	...
...	49.021	+18.236	-5	M	...	...	33.505	+13.439	0.70	50. 302	10.5	...	10.367	+20.540	-3	...	...
...	48.063	-2.126	0.65	...	...	...	33.491	+58.680	-5	...	...	...	7.536	+53.852	-3	...	...
*	47.232	+2.709	1.30	51. 271	9.0	*	31.846	+34.042	1.00	50. 303	9.8	...	7.514	+17.284	-4	M	...
...	-46.845	+26.469	0.65	...	...	...	-31.429	-58.935	-5	...	...	S *	-7.493	+42.171	0.90	50. 307	9.8
*	46.251	-17.901	1.10	51. 272	9.5	...	30.865	-28.665	0.65	...	...	...	6.926	+13.160	-1	50. 308	10.3
*	46.028	+11.220	0.90	50. 298	9.8	...	30.181	-3.987	-5	...	...	...	5.393	+28.228	-4	...	...
...	45.510	+16.888	-3	A	...	†	30.142	+30.000	-4	...	...	...	4.240	-37.202	-2	...	...
...	45.273	+0.875	-5	...	...	...	30.103	+49.890	-5	...	...	...	3.642	+1.670	-5	...	...
2I						5I						8I					
...	-45.037	-8.342	-4	...	...	...	-29.706	-25.031	-3	...	...	...	-2.601	+58.466	-1	50. 309	10.5
S †	44.712	+49.993	2.30	50. 299	7.8	...	29.440	+57.531	-3	...	...	...	-1.282	+3.700	0.80	51. 280	10.4
...	44.355	-11.581	-3	...	...	S *	26.692	+32.533	1.05	50. 304	9.4	...	+1.318	+58.658	-5	...	...
...	43.576	-4.976	-5	...	...	...	26.291	+32.257	-5	...	...	...	2.627	-39.601	-5	...	...
...	43.346	+51.715	-5	M	...	...	25.732	-39.454	-3	...	...	...	3.249	-44.185	0.65	51. 281	10.4
...	-43.196	+13.758	-4	M	...	S *	-25.490	-7.102	1.80	51. 275	8.2	S *	+3.922	-18.795	3.50	51. 282	7.1
*	43.174	-22.103	1.10	51. 273	9.5	...	24.992	-35.632	0.80	51. 276	10.5	...	6.016	-17.260	-5	...	...
...	43.103	-30.916	-5	...	...	...	24.922	+22.065	-2	...	...	...	8.961	-30.067	-5	...	...
*	42.826	+22.924	0.85	50. 300	10.3	...	24.044	-39.344	-4	...	...	...	9.410	-47.032	0.65	...	...
...	42.220	+49.393	-2	...	...	...	23.443	-27.253	0.75	51. 277	10.5	...	9.464	+52.224	-4	...	...

8 false stars deleted in revision.

NM measured from 1, 83.

MC " " 52, 115.

64. Remeasure 1916, $\pi = 19'.039$.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
91-120						121-150						151-155					
9I						12I						15I					
...	+13°080	+41°779	0.65	...	...	...	+34°000	-20°530	0.90	51. 288	10.2	<i>e</i>	+57°387	-49°331	-2	51. 295	10.5
...	14°196	-45°661	-3	...	...	*	34°124	-11°677	0.90	51. 287	10.0	...	57°847	+20°400	-3	...	...
...	14°602	-9°540	-5	<i>p</i>	...	...	34°863	-39°367	-4	...	...	<i>S</i> *	58°211	+33°349	1.15	50. 321	9.8
...	14°949	+1°431	0.75	51. 283	10.2	*	35°661	+54°573	1.00	50. 315	9.6	*	59°617	+45°593	0.95	50. 322	10.2
*	15°517	-1°590	0.95	51. 284	9.8	...	37°273	-18°724	-3	...	...	<i>e</i> †	60°175	-14°763	1.50	51. 297	8.6
...	+16°685	+49°355	-3	...	...	...	+37°564	-26°467	-4	...	...						
...	16°747	-15°068	-1	...	...	...	38°116	+8°678	-5	<i>m</i>	...						
...	18°482	-33°975	0.65	...	...	...	40°144	+14°828	-2	...	...						
...	18°918	+46°933	-5	...	...	...	42°395	-24°218	-2	...	...						
...	19°079	+5°984	-5	...	...	...	43°764	+29°707	-2	50. 316	10.5						
10I						13I											
<i>S</i> *	+19°481	+32°582	0.90	50. 310	9.8	...	+43°851	+25°467	-2	...	...						
...	22°058	-27°806	-5	<i>p</i>	...	†	44°082	+40°037	0.95	50. 317	9.8						
...	24°174	+6°731	-5	<i>m</i>	...	...	44°152	-55°623	-3	...	...						
...	24°354	+41°735	-2	...	...	...	45°138	-35°787	-3	...	...						
*	24°747	-39°566	0.80	51. 285	10.2	...	46°040	+28°534	0.75	50. 318	10.5						
...	+24°908	+21°330	-5	<i>m</i>	...	...	+47°072	+53°588	-3	...	...						
...	24°936	-30°069	-5	...	...	...	47°267	+6°707	0.80	51. 289	10.5						
...	25°099	+10°245	-4	...	...	...	48°099	-8°273	0.80	51. 290	10.4						
...	26°055	+51°093	-1	...	...	...	48°149	+15°768	-4	...	...						
*	26°761	+40°690	0.95	50. 312	9.8	...	49°113	+14°970	-3	...	...						
III						14I											
...	+26°865	+39°560	0.70	50. 313	10.5	...	+50°430	-23°571	-2	...	...						
*	27°585	-15°503	0.95	51. 286	9.8	<i>S e</i> *	51°457	-57°387	1.20	52. 279	9.1						
...	28°271	+24°451	-5	...	...	*	52°079	-24°069	0.95	51. 291	9.6						
...	28°748	+16°725	-4	...	...	...	52°530	+56°784	-5	...	...						
...	30°511	-7°926	-5	<i>p</i>	...	*	52°611	+11°809	1.00	50. 319	9.6						
...	+31°207	+31°053	-4	...	...	...	+53°125	-0°297	0.80	51. 292	10.5						
...	31°490	-33°982	-4	...	...	†	53°224	+10°124	0.90	50. 320	10.2						
...	32°913	-18°576	-4	...	...	<i>e</i> *	53°497	-5°112	0.90	51. 293	10.1						
...	33°745	+46°847	-2	...	...	<i>S e</i> *	54°486	-21°580	1.70	51. 294	8.3						
...	33°873	-5°180	-2	...	...	...	55°092	-13°683	-5	...	...						

1-20						21-40						41-60					
I						2I						4I					
E *	-59°606	-5°242	0.95	51. 293	10.1	†	-47°476	+19°925	0.95	50. 324	9.8	†	-34°956	-54°402	-3	...	...
E *	59°502	-57°542	1.20	52. 279	9.1	S *	47°329	+6°291	1.15	51. 298	9.0	*	33°439	-17°144	1.60	51. 300	8.6
...	58°883	+49°751	-5	...	...	*	46°781	-58°866	5.40	52. 285	4.1	...	32°779	+35°816	-4	...	...
SE *	57°941	-21°648	1.90	51. 294	8.3	...	46°552	+40°327	0.85	50. 325	10.1	...	30°756	+21°921	-4	...	...
S *	56°459	+33°376	1.00	50. 321	9.8	...	46°139	+20°051	-3	...	...	...	30°172	-44°604	-3	...	...
...	-56°303	+20°430	-3	...	...	...	-44°752	-51°232	-4	...	...	†	-30°033	+36°815	-2	...	...
*	55°557	+45°672	1.00	50. 322	10.2	...	43°838	+50°683	0.75	50. 326	10.3	...	27°378	-55°579	-5	<i>p</i>	...
E	53°924	-49°251	0.70	51. 295	10.5	...	41°908	+40°921	-3	...	...	...	27°291	+31°934	-4	...	...
*	52°991	+3°060	1.10	51. 296	9.1	*	40°871	+31°045	0.85	50. 327	10.4	...	24°967	+28°092	0.80	50. 331	10.3
E *	52°529	-14°614	1.40	51. 297	8.6	...	40°551	+28°802	-4	...	...	...	24°254	-46°062	-4	...	...
II						3I						5I					
...	-51°448	+27°672	-4	...	...	*	-37°722	-9°547	1.20	51. 299	9.2	...	-23°490	+46°906	0.80	50. 333	10.4
...	51°387	-0°093	-4	...	...	...	37°692	-55°554	-3	...	...	...	21°835	+14°119	-3	...	...
...	51°111	+34°982	-2	...	...	...	37°349	+1°962	0.70	...	...	...	21°623	+17°972	-5	...	...
...	50°229	+6°622	-2	...	...	...	37°138	-4°485	-4	...	...	...	21°127	-5°342	-4	...	...
...	50°153	-32°498	-2	...	...	*	36°933	+17°335	1.20	50. 328	9.0	...	20°370	-52°681	-4	...	...
*	-49°016	+57°447	1.00	...	...	...	-36°837	+52°453	5	...	...	S *	-18°844	-14°279	1.50	51. 301	8.4
*	48°890	+57°514	1.30	50. 323	8.8	...	36°077	+12°513	-4	...	...	...	18°829	-47°509	-3	...	...
...	47°898	+9°484	-4	...	...	...	35°987	+15°919	-5	B	...	...	17°875	-24°757	-4	...	...
...	47°770	+12°427	-1	...	...	...	35°827	+24°602	-4	...	...	*	17°615	-34°429	1.10	51. 302	9.0
...	47°536	-22°524	-3	...	...	...	35°176	+18°293	0.65	50. 329	10.5	S *	17°157	+37°592	1.00	50. 334	9.6

T measured from 1, 56, 100.

MC " " 31, 78, 128.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.	
61-100						101-140						141-155						
6I	-16'44I	-57'64I	-3	...	...	IOI	+20'264	+13'80I	0'75	...	...	I4I	+48'937	+43'506	-4	...	...	
*	15'406	+11'055	0'80	50. 335	IO'2	...	21'002	-33'413	-1	...	...	...	49'836	+53'974	-1	...	...	
...	14'656	-8'264	-4	...	...	...	21'015	+24'058	-3	...	...	...	49'989	-36'062	-5	p	...	
S *	12'594	+14'316	2'00	50. 336	7'8	...	21'419	+5'206	-3	...	...	...	50'522	-24'017	-2	...	...	
...	11'658	+41'256	-4	...	...	...	22'139	-43'375	0'70	...	...	S *	52'893	+15'468	1'05	50. 346	9'4	
*	-11'628	+49'994	0'90	50. 337	10'1	...	+22'502	+23'683	0'70	...	...	...	+53'023	+22'239	-3	...	...	
S *	11'316	-54'463	0'90	52. 292	10'0	...	22'998	+4'735	-2	...	...	...	53'260	-43'475	-5	p	...	
...	10'816	-7'156	-4	...	...	...	23'021	+45'553	-4	...	...	...	53'721	+12'098	0'65	...	...	
...	9'649	+38'350	0'70	50. 338	10'4	...	23'893	-15'337	-4	...	...	...	† 54'162	-14'843	0'70	e	...	
...	8'645	+8'538	0'70	50. 339	10'3	...	24'154	-52'454	-4	p	...	...	54'381	-28'596	-2	e	...	
7I	...	...	...	...	...	III	...	...	...	...	...	I5I	...	...	...	...	...	
...	-8'357	-43'899	-5	p	...	...	+25'309	-25'906	-4	p	...	...	...	+54'863	+43'135	0'90	...	...
*	6'969	-20'582	1'15	51. 303	8'8	...	26'274	-11'832	0'75	...	...	...	...	56'627	-37'683	-5	p	...
...	5'759	+43'837	-3	...	...	*	27'047	-25'935	1'05	51. 308	9'4	...	*	57'924	+39'083	1'60	50. 347	9'0
...	3'445	-33'367	-4	...	...	...	27'576	+22'528	-4	...	...	...	...	59'296	-6'186	0'65	e	...
...	2'197	+1'433	-2	...	...	...	29'955	+27'133	-4	...	...	...	...	59'556	+34'264	-2	...	...
*	-1'493	-9'201	1'10	51. 304	9'1	S *	+30'393	+59'755	0'90	50. 343	10'0	...	...	...	...	...	...	...
...	-1'127	+52'262	-4	m	...	...	31'080	+14'342	1'10	50. 344	9'2	...	...	...	...	...	...	...
...	+0'554	+21'930	-4	...	...	...	32'089	+30'746	-4	...	...	...	...	...	...	...	...	...
...	1'977	+48'947	-4	...	...	...	33'696	+28'207	-1	...	...	...	...	...	...	...	...	...
...	2'356	+36'348	-4	...	...	...	33'784	+28'518	0'75	...	...	...	...	...	...	...	...	...
8I	...	...	...	...	...	I2I	...	...	...	...	...	...	...	...	...	...	...	...
...	+4'207	+44'419	-2	...	...	...	+34'879	-37'962	-4	...	...	...	...	...	...	...	...	...
...	6'202	-9'427	-4	...	...	...	35'675	+50'354	-4	m	...	...	...	...	...	...	...	...
*	6'544	-28'466	1'20	51. 305	9'4	...	36'404	-12'226	-1	...	...	...	...	...	...	...	...	...
S *	6'796	+21'590	1'20	50. 341	8'9	...	36'504	-28'521	-4	...	...	...	...	...	...	...	...	...
†	7'864	+59'849	-3	...	...	*	36'706	-29'271	1'15	51. 309	8'8	...	...	...	...	...	...	...
*	+8'373	+51'781	1'50	50. 342	8'9	*	+36'853	+59'405	0'85	...	...	...	...	...	...	...	...	...
†	8'795	+24'961	-4	...	...	...	37'665	-17'611	-5	p	...	...	...	...	...	...	...	...
†	9'836	+45'932	0'85	...	...	†	39'778	+7'197	-1	...	...	...	...	...	...	...	...	...
...	10'724	+34'250	-2	...	...	...	39'868	+19'709	0'95	50. 345	10'0	...	...	...	...	...	...	...
...	12'111	-5'545	-1	...	...	...	40'752	-53'844	-2	...	...	...	...	...	...	...	...	...
9I	...	...	...	...	...	I3I	...	...	...	...	...	...	...	...	...	...	...	...
...	+12'669	+41'568	-4	...	...	...	+42'071	-27'181	0'65	...	...	...	...	...	...	...	...	...
...	12'930	-52'929	-4	...	...	...	42'303	-7'935	-1	...	...	...	...	...	...	...	...	...
S *	12'977	-32'927	4'10	51. 306	7'0	...	42'647	-51'419	0'80	...	...	...	...	...	...	...	...	...
*	13'785	-48'101	1'30	51. 307	9'1	...	43'124	+53'937	-2	...	...	...	...	...	...	...	...	...
...	15'056	-23'978	0'65	...	...	S	43'258	-51'793	0'95	51. 310	10'0	...	...	...	...	...	...	...
...	+15'532	+37'662	-3	...	...	...	+46'187	-27'457	0'85	51. 311	10'0	...	...	...	...	...	...	...
...	17'321	+43'148	-3	...	...	...	47'383	+29'890	-3	...	...	...	...	...	...	...	...	...
...	18'193	-31'564	0'80	...	...	*	47'505	-27'440	0'90	...	...	...	...	...	...	...	...	...
...	18'320	+27'368	-3	...	...	...	48'161	+18'555	0'85	...	...	...	...	...	...	...	...	...
...	20'177	+43'519	-1	...	...	...	48'277	+51'554	-4	...	...	...	...	...	...	...	...	...

1-10						11-20						21-30					
I	α .	γ .	Diam.	C.P.D.	Mag.	II	α .	γ .	Diam.	C.P.D.	Mag.	2I	α .	γ .	Diam.	C.P.D.	Mag.
...	-58'548	-14'931	-3	...	...	...	-48'910	+31'353	-2	...	...	...	-37'174	+7'440	1'00	50. 352	9.7
...	57'767	-28'671	-4	...	...	...	46'531	+11'692	-2	...	...	...	36'717	+45'270	0'85	50. 353	10.0
*	56'979	+39'095	1'30	50. 347	9.0	...	46'296	+18'442	-4	...	...	...	33'683	-10'839	1'60	51. 313	8.4
...	55'157	+34'351	-3	...	...	...	45'739	+43'564	-2	...	...	...	31'687	+21'304	0'80	...	...
...	53'771	-6'072	-2	...	...	S *	44'334	-45'486	1'30	51. 312	8.7	...	31'356	+37'515	1'30	50. 354	8.9
*	-53'760	+43'593	1'40	50. 348	9.0	...	-43'345	+27'688	-4	...	...	...	-28'881	+14'642	-4	...	...
...	52'054	-10'073	0'90	...	...	...	40'850	+42'329	-3	...	...	...	28'139	-49'336	2'60	51. 314	7.6
*	50'687	+14'514	2'20	50. 349	7.9	S *	40'543	+38'334	1'20	50. 351	8.8	...	27'434	-22'141	-2	...	...
...	50'045	+3'524	-3	...	...	...	37'892	-35'037	-3	...	...	...	27'196	+19'509	-4	...	...
...	49'089	-51'254	-5	...	...	...	37'712	-57'030	-3	...	...	...	27'169	+19'468	-2	...	...

MC measured from I, 59.

T " " 26, 76.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	z.	y.		No.	Mag.		z.	y.		No.	Mag.		z.	y.		No.	Mag.
31-60						61-90						91-105					
3I *	-26'266	-13'600	1'00	5I. 3I5	9·8	6I ...	+10'743	+47'274	-3	...	...	9I S *	+45'139	+49'740	1'00	50. 362	9·8
...	24'638	-17'932	-1	...	...	...	11'635	+26'477	-4	...	...	...	46'589	+53'125	-4	...	...
*	24'532	-53'018	1'15	5I. 3I6	9·0	S *	12'141	+33'563	0'90	50. 358	9·7	*	46'802	+2'982	0'85	5I. 325	9·9
...	23'298	-47'851	-5	...	...	...	14'484	+12'393	-4	...	...	...	48'987	+26'700	-4	...	...
...	22'578	-10'352	-4	...	...	...	17'083	-38'832	-3	...	...	...	50'101	+18'030	-3	...	...
...	-16'524	+41'438	-4	...	...	...	+17'361	-15'456	-3	...	...	...	+51'857	+42'679	-5	...	...
...	15'642	-2'697	-3	...	...	+	19'817	-17'402	2'60	5I. 323	7·8	...	51'906	-13'529	-2	...	...
...	14'712	-28'745	-4	...	...	S +	20'736	+59'886	1'90	50. 359	8·1	...	52'106	-59'112	-5	...	...
...	13'967	-41'930	-3	...	...	...	20'895	-57'766	-2	...	...	...	53'313	-11'117	-4	e	...
*	13'767	-28'095	1'40	5I. 3I7	8·7	...	22'020	-42'400	-3	...	...	...	53'856	-50'365	-4	e	...
4I						7I						IOI					
...	-13'568	+22'049	-4	...	...	...	+25'135	+31'608	-3	...	...	...	+53'891	-21'729	-4	e	...
...	12'977	+2'157	-1	...	...	...	26'401	+50'818	-3	...	...	...	54'390	-26'807	-4	e	...
...	11'896	+30'855	-3	...	...	...	26'471	-20'810	-3	...	...	*	58'566	-47'955	0'85	e	...
...	10'148	-48'296	-2	...	...	...	27'965	+0'238	0'80	5I. 324	9·9	S *	58'957	+33'175	1'15	50. 364	8·9
...	9'996	+3'450	-1	5I. 3I8	10·0	...	29'526	+40'257	-1	...	...	...	59'173	-22'824	-5	e	...
S *	-9'325	-53'525	1'15	52. 3I4	9·0	...	+30'319	-27'445	-4	...	...						
S *	8'909	+8'226	1'15	50. 355	9·1	...	30'337	+7'267	-1	...	...						
...	8'508	+30'141	-2	...	...	...	31'025	+21'939	-3	...	...						
*	8'191	-43'665	1'10	5I. 3I9	8·9	S *	31'446	-55'562	1'00	52. 321	9·7						
...	7'108	+56'189	-1	...	...	...	36'534	+3'601	-3	...	...						
5I						8I											
...	-5'824	+46'674	-2	...	...	...	+37'577	-45'265	-4	...	...						
S +	5'065	+46'403	1'35	50. 356	8·2	...	38'120	-21'350	-3	...	...						
...	3'509	+48'382	-1	...	...	...	40'093	+39'083	-4	...	...						
...	-2'102	+6'544	-4	...	...	...	40'139	+42'823	-3	...	...						
...	+0'931	+23'485	-1	...	...	...	41'099	-5'795	-4	...	...						
...	+1'053	-16'933	-1	5I. 320	10·0	...	+43'317	-12'906	-4	...	...						
...	1'458	+45'296	-1	...	...	...	43'461	-13'283	-2	...	...						
S *	4'705	-31'880	3'50	5I. 321	7·0	...	43'492	+35'213	0'85	50. 361	10·0						
*	5'579	-33'827	1'20	5I. 322	9·0	...	44'084	+44'197	-4	...	...						
...	9'708	+3'436	-5	...	...	...	44'238	-7'067	-1	...	...						

1-20						21-40						41-60					
I	-59'550	-11'238	-3	E	...	2I	-43'874	+16'719	-4	°	...	4I	-32'619	-40'858	-4	°	...
...	59'489	-1'041	-4	...	...	...	42'577	+13'219	-3	...	...	...	32'604	-41'013	-1	...	...
...	58'535	-21'818	-4	E	...	...	41'944	-13'332	-4	...	...	...	32'581	+38'486	-2	...	...
...	57'836	-26'876	-4	E	...	*	41'055	-31'869	1'00	5I. 326	9·8	...	32'013	+45'245	-1	...	...
...	57'429	-50'432	-4	E	...	...	40'865	+42'867	-4	...	...	*	31'252	-25'463	1'00	5I. 329	9·8
...	-56'947	+0'974	-4	...	...	...	-39'915	-46'457	-3	...	...	...	-30'386	+9'720	-4	...	...
S *	55'710	+33'247	1'15	50. 364	8·9	...	39'844	-26'084	-3	...	...	...	29'216	-2'678	-4	...	...
...	54'163	+18'048	-5	...	...	S *	39'495	-52'584	1'60	5I. 327	8·2	...	27'473	+35'149	-3	...	...
...	53'231	-22'691	-4	E	...	...	39'339	+58'896	-4	...	...	...	27'213	+33'648	0'75	...	...
*	52'808	-47'829	0'85	E	...	...	39'282	-23'299	-2	...	...	S *	26'711	-14'014	4'30	5I. 330	6·8
II	-51'826	-56'426	-5	p	...	3I	-38'402	-16'200	-2	...	...	5I	-26'500	-16'798	-3	...	...
...	51'116	+24'437	-2	...	...	...	37'770	+50'207	-3	...	...	S *	26'157	+50'648	2'20	50. 369	7·6
...	50'349	-2'716	-4	...	...	*	37'426	-46'459	1'10	5I. 328	9·4	...	25'842	+44'067	-3	...	...
S *	50'138	+15'540	1'00	50. 365	9·4	...	36'632	+22'409	-3	...	...	S *	24'155	+3'671	1'00	5I. 331	9·4
...	47'687	-57'804	-4	...	...	...	36'542	+23'295	-3	...	...	...	23'788	-55'921	-3	...	...
...	-46'838	-40'805	-4	...	...	*	-35'723	+55'598	0'85	...	...	...	-22'731	-38'466	-3	...	...
...	45'102	+22'986	-2	...	...	*	35'558	+49'830	0'90	50. 367	10·0	*	20'055	-33'050	1'00	5I. 332	10·0
...	45'025	-26'029	-4	...	...	*	35'142	+59'702	1'10	50. 368	9·3	...	19'276	-48'921	0'65	...	...
...	44'802	-38'289	-5	p	...	...	32'923	+49'673	0'70	...	...	...	17'610	-59'304	-2	...	...
*	44'481	+8'299	1'00	50. 366	10·0	...	32'677	+54'602	-5	...	...	*	15'473	+6'667	1'00	50. 370	10·0

T measured from I, 74.
MC " " 47, 111.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
61-90						91-120						121-149					
6I				°		9I				°		12I				°	
...	-14.582	+13.129	-3	...	...	...	+15.315	-0.906	-4	...	...	...	+42.153	+47.413	-3	...	...
...	13.134	-16.935	-5	<i>p</i>	...	...	15.594	+28.283	-4	...	...	...	42.460	+44.230	-2	...	...
...	8.222	-14.735	-4	...	...	...	15.707	+26.444	-3	...	...	†	43.140	-24.821	-1	...	...
S *	8.144	-58.517	1.10	52. 332	9.2	...	16.574	+32.964	-4	...	...	*	43.333	-48.020	0.90	51. 338	10.0
†	7.758	-59.719	-5	...	...	...	17.607	+46.671	0.85	50. 372	9.8	...	43.387	+43.236	-5	...	...
...	-6.826	+59.619	-4	...	...	*	+18.440	-55.756	0.95	52. 338	10.0	...	+44.367	+4.456	-5	...	...
...	5.259	-57.127	-5	...	...	*	19.215	-52.372	1.15	51. 333	9.0	...	45.254	+58.959	-4	...	...
...	3.697	-22.244	-3	...	...	...	20.606	-21.352	-2	...	...	...	45.440	+52.627	-3	...	...
...	3.409	+39.057	-4	...	...	...	23.251	-31.784	-4	...	...	...	45.812	-31.258	-3	...	...
...	2.580	-53.503	-3	...	...	*	23.253	-30.229	1.05	51. 334	9.4	...	45.923	-38.113	-3	...	...
7I						10I						13I					
...	-1.388	-45.169	-5	<i>p</i>	...	...	+24.575	-14.124	-3	...	...	...	+46.004	-12.426	-2	...	...
...	-0.193	+41.304	-3	...	...	...	24.616	-45.785	-5	<i>p</i>	...	...	46.543	+25.767	-3	...	...
...	+0.125	+6.366	-4	...	...	*	24.959	+53.367	1.05	50. 374	9.6	*	47.687	+2.746	1.20	51. 339	9.2
S *	1.492	+26.910	1.90	50. 371	8.1	S †	25.170	+54.411	1.20	50. 375	8.9	...	48.626	-0.895	-3	...	...
...	2.768	+34.375	-1	...	...	*	25.723	-39.288	1.05	51. 335	9.3	...	49.477	-41.777	-2	...	...
...	+3.596	+49.066	-3	...	...	S *	+26.600	+17.752	1.00	50. 376	9.4	...	+49.746	+50.314	-4	...	...
...	3.751	+14.265	-4	...	...	...	26.792	+50.844	-4	...	...	...	49.956	-8.675	-3	...	...
...	4.730	-19.986	-4	...	...	*	28.632	+43.468	0.95	50. 377	9.8	...	50.716	+39.524	-4	...	...
...	5.816	-17.903	-4	...	...	...	28.652	-15.204	-4	...	...	...	51.493	-23.420	-3	...	...
...	6.205	-17.824	-5	<i>p</i>	...	S *	29.518	-27.569	1.30	51. 336	8.6	...	54.048	+48.366	-4	...	...
8I						11I						14I					
...	+8.856	+16.268	-3	...	...	S *	+30.299	-59.200	1.50	52. 341	8.2	...	+54.660	-5.217	0.65	<i>e</i>	...
...	8.968	-29.008	0.85	...	...	...	30.560	+7.725	0.80	50. 378	10.0	...	54.824	+4.670	-4	...	...
...	9.866	-40.752	-2	...	...	...	31.787	-28.430	0.80	...	...	Se *	54.882	-45.127	1.05	51. 340	9.2
...	10.813	-42.030	-4	...	...	...	32.173	-55.784	-5	...	...	S †	55.021	+16.389	1.30	50. 382	8.0
...	11.141	+15.471	-3	...	...	*	36.576	-11.337	0.95	51. 337	9.8	...	56.185	-7.487	-5	...	...
...	+11.802	-0.594	-4	...	...	*	+37.684	+20.233	1.00	50. 379	9.2	...	+56.321	-26.356	-4	<i>e</i>	...
...	11.915	+43.810	-4	...	...	*	38.532	+20.356	0.90	50. 380	9.6	*	56.555	+31.605	0.95	50. 383	9.7
...	12.145	+13.170	-2	...	...	...	38.932	-13.261	0.70	...	...	...	56.944	+3.389	-3	...	...
...	12.854	+59.668	-2	...	...	...	39.412	+26.049	-2	...	...	...	57.129	-27.419	-3	<i>e</i>	...
†	15.091	+23.184	0.75	...	...	...	40.535	-47.028	-3	...	...	...					

1-20						21-40						41-60					
I	-58.955	+16.306	1.45	50. 382	8.0	2I	-46.994	-48.946	-3	...	...	4I	-26.775	+58.564	0.95	50. 392	9.9
S *	58.696	+4.597	-5	...	...	*	42.987	+6.674	1.00	50. 386	9.4	...	25.871	+18.223	0.80	...	...
...	58.447	-5.292	0.65	E	...	...	41.518	+6.352	0.80	50. 387	9.9	*	25.847	+13.376	1.00	50. 393	9.6
...	58.042	+31.568	1.00	50. 383	9.7	...	41.340	+57.951	-4	...	...	...	24.995	+20.546	-1	...	...
SE *	56.577	-45.160	1.05	51. 340	9.2	...	39.893	+0.612	0.70	...	...	...	22.284	-40.093	-1	...	...
...	-56.514	+3.400	-3	...	...	*	-39.784	+58.121	0.95	50. 388	9.9	*	-22.023	-36.072	1.10	51. 347	9.2
...	56.295	-24.866	-5	...	...	*	39.698	-43.684	1.10	51. 342	9.4	...	21.149	+37.844	-4	...	...
...	55.914	-26.342	-4	E	...	...	39.543	+37.463	-3	...	...	*	19.738	+56.120	1.20	50. 394	8.9
...	55.071	-27.369	-3	E	...	*	39.173	+33.771	1.05	50. 389	9.2	...	19.703	-50.278	-3	...	...
...	52.837	+39.301	-5	...	...	...	38.471	-16.316	-1	...	...	...	17.181	-29.150	-5	...	...
II	-52.485	+27.215	0.70	...	...	3I	-37.903	+24.194	1.10	50. 390	9.0	5I	-17.057	+24.298	-5	...	...
...	51.845	+9.984	0.75	...	...	*	37.467	+39.713	1.00	50. 391	9.6	...	16.714	-45.593	0.75	...	...
S *	51.365	+42.793	2.30	50. 384	7.0	...	36.912	+23.609	-4	...	...	S †	16.273	-39.928	1.90	51. 348	7.9
...	50.787	-4.179	-3	...	...	*	35.568	+3.078	0.95	51. 343	9.6	...	14.834	-36.294	-4	...	...
...	50.391	-54.113	1.40	51. 341	8.6	...	34.529	-3.514	-4	...	...	...	11.487	+31.334	0.75	...	...
*	-50.261	+22.220	1.80	50. 385	7.7	N *	-33.022	+41.958	2.10	...	...	S *	-9.771	+6.197	1.15	50. 395	8.0
...	50.221	+3.635	-5	...	...	...	32.686	+3.299	0.70	51. 344	9.9	*	9.701	+24.023	1.00	50. 396	9.2
...	49.185	+3.586	-3	...	...	...	32.554	-55.066	2.05	52. 346	7.6	...	9.232	-40.658	-2	...	...
...	49.109	-55.275	-2	...	...	S *	29.364	-16.833	2.90	51. 345	7.2	...	9.167	+23.316	0.95	50. 397	9.2
...	47.625	-4.990	-2	...	...	*	28.918	-15.302	1.90	51. 346	8.0	...	9.103	+26.503	-4	...	...

MC measured from 1, 48, 84.

36. Var. L = 5.8-11.5.

T " " 22, 69, 112.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	x.	y.		No.	Mag.		x	y		No.	Mag.		x.	y.		No.	Mag.	
61-90						91-120						121-134						
6I	...	...	...	...	...	9I	...	...	...	...	...	12I	...	...	...	...	...	
...	- 6'287	+14'767	0.90	50. 398	9.5	...	+27'382	+49'274	- 5	<i>m</i>	...	...	...	+47'493	-47'230	0.75	...	...
...	4'464	+41'080	- 3	...	...	...	27'491	-20'343	- 4	...	...	...	...	50'870	-35'806	- 4	...	...
...	3'718	- 2'730	- 5	...	...	...	28'498	+33'405	- 4	<i>d</i>	...	*	...	50'908	-45'592	0.95	...	...
...	3'530	- 2'144	- 5	<i>p</i>	...	...	29'244	-38'099	0.70	...	...	...	...	51'160	- 0'823	- 3	...	...
...	2'761	+41'281	- 3	...	...	...	29'308	-47'216	- 4	...	...	...	...	51'866	- 1'607	0.65	...	...
...	- 1'154	+38'728	- 3	...	...	*	+30'189	+33'566	0.90	50. 404	9.7	S *	...	+52'440	+44'087	1.60	50. 407	7.9
...	0'620	+ 5'968	- 5	...	...	...	30'309	+49'125	- 5	<i>m</i>	...	*	...	53'564	+54'564	1.20	50. 408	8.8
...	- 0'557	- 0'609	- 3	...	...	S *	32'403	+16'328	1.00	50. 405	9.2	e	...	53'676	-59'144	0.95	52. 355	9.8
...	+ 0'348	-44'252	- 3	...	...	S *	32'855	+ 6'007	- 4	<i>b</i>	...	...	...	54'685	- 0'575	- 5	...	...
*	0'399	+27'733	1.05	50. 399	9.0	IOI	33'112	-18'462	0.95	51. 353	9.7	...	...	54'778	+ 6'871	- 5	<i>e</i>	...
7I	...	...	...	...	...	...	...	...	...	...	...	13I	...	...	...	...	...	...
*	+ 0'689	-37'545	0.95	51. 349	9.6	...	+33'490	-54'708	- 5	<i>p</i>	...	...	...	+55'785	-41'325	- 1	<i>e</i>	...
...	1'029	+46'100	- 5	<i>m</i>	...	...	33'713	-43'124	- 2	...	...	...	...	56'205	+12'909	- 4	<i>e</i>	...
...	2'481	+58'435	- 5	<i>m</i>	...	*	34'839	+50'523	1.30	50. 406	8.2	...	...	56'634	+55'630	- 5	<i>m</i>	...
...	2'901	+ 4'813	0.70	51. 350	9.9	...	36'289	-47'483	- 5	...	...	...	...	58'179	-23'757	- 4	...	...
...	3'561	+23'147	- 3	...	...	...	37'141	-21'234	- 4	...	...	...	...	...	...	...	...	...
S *	+ 5'453	+26'790	1.85	50. 402	7.9	...	+37'709	- 1'361	- 3	...	...	...	...	...	...	...	...	...
...	5'827	+25'083	- 4	...	...	...	37'958	+12'676	- 2	...	...	...	...	...	...	...	...	...
...	5'835	+49'093	- 4	<i>b</i>	...	...	38'193	-22'371	0.80	51. 355	9.9	...	...	...	...	...	...	...
*	6'202	-41'524	0.90	51. 351	9.9	...	38'786	-26'407	0.85	51. 356	9.9	...	...	...	...	...	...	...
...	12'378	-43'138	- 3	...	...	...	39'253	+18'851	- 1	...	...	...	...	...	...	...	...	...
8I	...	...	...	...	...	III	...	...	...	...	...	...	...	...	...	...	...	...
...	+12'449	-49'479	- 3	...	...	...	+39'352	-51'007	- 4	...	...	...	...	...	...	...	...	...
*	13'579	+ 3'857	1.10	51. 352	9.2	...	40'139	-38'314	0.90	...	...	...	...	...	...	...	...	...
...	14'042	+ 0'649	- 4	...	...	...	40'883	+42'620	- 3	...	...	...	...	...	...	...	...	...
...	14'854	+13'392	- 5	...	...	...	42'584	-29'302	- 4	...	...	...	...	...	...	...	...	...
*	16'774	-59'599	1.00	52. 350	9.7	...	43'021	-33'270	- 4	...	...	...	...	...	...	...	...	...
...	+17'973	-45'501	- 3	...	...	...	+43'964	+58'186	- 5	<i>m</i>	...	...	...	...	...	...	...	...
...	20'391	-22'626	- 5	<i>p</i>	...	...	44'493	+35'567	- 2	...	...	...	...	...	...	...	...	...
...	20'538	+55'552	0.75	...	...	...	46'049	+ 1'463	- 4	...	...	...	...	...	...	...	...	...
†	24'588	+22'820	0.90	50. 403	9.9	...	46'309	+19'230	- 1	...	...	...	...	...	...	...	...	...
...	26'777	+30'718	- 2	...	...	...	46'380	- 7'063	- 2	...	...	...	...	...	...	...	...	...

C.P.D. 51°.354 not visible. Var.

1-20						21-40						41-60					
I	...	...	...	...	...	2I	...	...	...	...	...	4I	...	...	...	...	...
...	-58'807	+ 6'798	- 5	<i>E</i>	...	...	-42'048	+11'570	- 2	<i>A</i>	...	...	-26'331	-34'576	- 4	...	...
...	57'886	- 7'490	- 5	...	...	*	41'955	-42'857	1.50	51. 363	8.4	...	26'195	-41'175	- 4	...	...
...	57'633	+12'870	- 5	<i>E</i>	...	*	41'795	- 8'491	1.10	51. 364	9.0	...	25'745	+52'703	- 4	...	...
E	57'215	-59'217	0.95	52. 355	9.8	*	39'252	-51'342	1.10	51. 365	9.2	...	25'155	-56'802	0.90	52. 360	9.9
...	55'838	-41'320	- 2	<i>E</i>	...	...	39'012	-59'383	- 4	...	...	S *	24'682	+ 4'484	1.30	51. 369	8.5
...	-54'981	+38'877	- 4	...	...	*	-37'654	-33'494	1.00	51. 366	9.4	...	-24'199	-10'986	- 5	<i>p</i>	...
†	53'788	+19'956	- 4	...	...	...	37'618	+50'450	- 3	...	...	...	23'184	+54'570	- 5	...	...
...	50'610	+33'554	0.85	50. 409	9.8	...	37'400	- 7'487	- 4	...	...	*	22'805	-30'373	1.00	51. 370	9.2
...	50'491	-37'623	- 4	...	...	...	37'058	-29'456	0.80	...	...	...	22'662	+ 1'428	- 5	...	...
...	50'472	-20'508	- 3	...	...	...	35'695	-46'113	- 2	...	...	...	22'043	+15'643	- 2	...	...
II	...	...	...	...	...	3I	...	...	...	...	...	5I	...	...	...	...	...
...	-50'168	-26'055	- 3	...	...	...	-35'262	- 3'074	- 4	...	...	...	-18'226	+58'459	- 3	...	...
...	49'910	+43'486	- 1	...	...	...	34'426	-44'506	0.80	...	...	...	16'482	+48'450	- 5	<i>M</i>	...
*	49'123	-48'523	2.00	51. 357	7.8	...	33'026	-34'329	0.90	51. 36 7	9.7	S *	16'249	-50'648	1.40	51. 371	8.4
*	48'827	- 7'549	1.05	51. 358	9.5	...	32'462	+33'643	0.65	...	...	...	15'609	-24'371	- 1	51. 372	9.9
*	47'827	- 1'475	0.95	51. 359	9.8	...	32'435	+14'668	- 1	...	...	...	15'466	-56'843	0.80	52. 362	9.8
...	-46'885	+24'783	- 1	...	...	...	-32'088	+34'492	0.90	50. 410	9.7	†	-15'085	-12'939	- 1	51. 373	9.8
...	46'517	- 0'097	- 3	...	...	*	30'491	-17'519	1.00	51. 368	9.2	...	14'983	-42'311	- 4	...	...
S *	45'581	-29'060	1.15	51. 360	9.0	S *	29'979	+45'056	1.30	50. 411	8.4	...	14'913	-48'163	- 4	...	...
...	42'554	-43'091	2.30	51. 361	7.4	...	27'849	+23'861	- 5	<i>M</i>	...	...	14'065	+51'623	- 4	...	...
...	42'429	-33'853	0.90	51. 362	9.9	...	26'809	+39'568	- 5	<i>M</i>	...	*	13'314	+21'996	0.95	50. 412	9.4

T measured from 1, 51, 101.
MC " " 24, 81, 119.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	<i>x</i> .	<i>y</i> .		No.	Mag.		<i>x</i> .	<i>y</i> .		No.	Mag.		<i>x</i> .	<i>y</i> .		No.	Mag.	
61-90						91-120						121-140						
6I						9I						12I						
...	-13°090	-53°938	-4	...	...	S *	+ 8°871	-12°729	2.60	5I. 378	7.4	...	+40°689	- 7°977	- 3	...	...	
...	10°875	+34°081	-4	...	...	...	10°318	+30°372	- 5	<i>m</i>	...	...	*	40°886	-43°051	1.20	5I. 385	9.0
*	10°366	+34°572	1.00	50. 413	9.2	...	10°446	+30°822	- 5	...	...	...	...	41°283	+ 7°357	0.75	...	...
...	9°508	+35°267	-4	...	...	...	14°465	+52°759	0.90	50. 417	9.6	...	...	42°594	-19°905	- 3	...	...
*	9°249	+11°217	1.10	50. 414	8.4	*	15°171	- 7°494	1.40	5I. 379	8.6	...	...	43°340	-53°566	- 5	<i>p</i>	...
...	- 9°158	-40°927	0.85	5I. 374	9.7	...	+15°342	+53°112	- 3	...	...	...	...	+45°063	+25°165	- 1	...	...
*	8°991	+37°136	1.15	50. 415	9.0	...	15°722	- 4°990	0.90	5I. 380	9.6	S *	45°727	+42°598	1.30	50. 422	8.5	
...	8°433	-12°928	-4	...	...	S *	17°324	+35°288	1.20	50. 418	8.4	...	...	47°437	+58°937	1.00	50. 423	9.8
...	5°260	-25°070	-3	...	...	*	17°727	-11°674	1.00	5I. 381	9.5	...	...	50°349	-44°653	- 5	...	...
...	4°826	+18°823	-5	...	...	*	18°841	+43°046	0.90	50. 419	9.8	...	...	52°536	+12°125	- 4	...	...
7I						10I						13I						
...	- 3°621	+30°989	-5	M	...	...	+22°621	+30°844	- 4	...	...	...	...	+52°702	-33°370	0.90	<i>e</i>	...
...	3°602	-36°206	-2	...	...	*	23°992	+21°041	1.10	50. 421	8.8	...	...	52°827	-45°451	- 5	<i>e</i>	...
...	2°603	-13°783	-3	...	...	...	25°847	+28°359	- 5	...	...	...	...	54°125	+49°707	- 5	...	...
...	2°045	-21°600	-4	<i>p</i>	...	*	26°252	-23°025	1.05	5I. 382	9.2	S †	54°633	+ 4°118	2.20	5I. 386	7.6	
S *	2°042	+15°776	1.10	50. 416	9.0	...	26°662	+59°330	- 4	...	...	...	...	54°949	+54°197	- 4	...	...
...	- 1°738	-41°371	-3	...	...	...	+29°245	-36°789	- 4	<i>p</i>	...	...	...	+56°255	-52°445	- 4	<i>e</i>	...
*	1°616	- 6°355	1.10	5I. 375	9.0	...	29°412	-12°090	- 5	<i>p</i>	...	...	...	56°476	+23°789	0.90	50. 424	9.9
...	0°451	-12°576	-4	<i>p</i>	...	*	29°714	-56°142	0.95	52. 372	9.9	...	...	58°583	+15°470	- 3	...	...
†	0°208	+44°430	0.65	...	...	...	31°068	+57°890	- 2	...	...	...	...	58°939	+ 5°330	- 4	...	...
...	- 0°197	-36°384	-3	...	...	...	31°960	-26°594	- 4	...	...	...	...	58°964	-35°109	- 3	<i>e</i>	...
8I						III												
...	+ 0°813	-42°131	-4	<i>p</i>	...	...	+32°165	+ 7°890	- 3	...	...							
...	0°864	-56°191	-3	...	...	...	33°270	+16°912	- 2	...	...							
...	2°732	-12°463	-4	...	...	...	33°422	+17°187	- 5	...	...							
*	3°452	-30°559	1.00	5I. 376	9.4	...	34°213	-40°898	- 2	...	...							
...	4°748	-12°412	-2	...	...	*	36°525	-54°322	0.95	5I. 383	9.9							
...	+ 6°959	+29°346	-4	...	...	...	+37°085	+43°650	0.75	...	...							
*	7°583	-41°972	1.00	5I. 377	9.2	...	37°399	+22°151	- 4	...	...							
...	8°095	-29°618	-5	<i>p</i>	...	S *	38°497	-28°768	1.40	5I. 384	8.2							
...	8°256	+44°492	-2	...	...	...	39°768	+49°592	- 4	...	...							
...	8°333	-24°912	-4	...	...	...	40°231	-36°133	- 3	...	...							

1-20						21-40						41-60					
I	-59°262	-33°503	0.80	°E	...	2I	-47°256	+13°166	1.00	50. 428	9.2	4I	-35°781	+22°241	0.95	50. 434	9.5
...	59°050	+55°968	-4	...	...	...	46°861	-50°614	-3	...	...	...	34°976	+46°427	-3	...	...
S *	58°831	+4°037	2.20	5I. 386	7.6	...	46°599	+5°672	-4	...	...	...	34°565	+6°305	0.80	50. 436	9.9
...	58°649	-45°573	-4	E	...	...	45°784	+0°540	0.70	...	...	...	32°079	-52°236	-5	<i>p</i>	...
*	57°806	+23°755	0.95	50. 424	9.9	†	45°102	+22°115	0.75	50. 429	9.9	...	32°023	-15°441	-4	...	...
...	-55°355	+15°538	-2	...	...	*	-43°379	+40°372	0.95	50. 430	9.9	...	-30°877	-17°029	-4	...	...
...	55°271	+51°702	-3	...	...	...	42°655	-3°079	-4	...	...	*	30°839	-42°314	0.80	...	...
...	54°907	-52°411	-4	E	...	...	42°620	-55°157	-4	...	...	...	29°366	+25°193	-1	...	...
...	54°595	+5°417	-3	...	...	...	42°467	-30°366	-2	...	...	...	28°744	-41°385	-4	...	...
...	54°197	-9°757	-5	<i>p</i>	...	...	41°944	-56°733	-3	...	...	...	28°730	-58°488	-2	...	...
II	-53°860	+25°416	-4	...	...	3I	-41°757	+53°529	0.90	...	...	5I	-28°283	-57°717	-5	...	...
...	52°922	-34°973	-3	E	...	...	40°451	+27°854	0.85	50. 431	9.9	...	28°077	+38°861	-4	...	...
...	52°062	+14°185	-3	...	...	*	38°851	+11°417	0.75	50. 432	9.9	...	27°445	+21°832	-4	...	...
*	50°629	-20°679	0.95	5I. 387	9.9	*	38°349	-1°461	1.10	5I. 388	8.9	...	27°210	+39°193	-4	...	...
*	50°161	+23°688	1.00	50. 425	9.4	...	38°339	+26°936	-4	...	...	†	26°940	+29°761	1.00	50. 437	9.5
...	-49°664	-44°089	-4	...	...	S *	-36°668	+39°658	1.15	50. 433	8.5	...	-26°856	-4°179	-1	...	...
...	48°660	-32°272	-3	...	...	...	36°630	+12°864	-5	...	...	...	25°860	-54°078	-5	...	...
*	47°568	+28°336	1.20	50. 427	8.9	...	36°281	-33°639	-4	...	...	...	24°228	-57°554	-1	...	...
*	47°480	+9°403	0.90	50. 426	9.9	*	36°011	+43°509	0.95	50. 435	9.5	*	24°078	-54°199	1.00	5I. 389	9.7
...	47°407	+2°777	-2	...	...	...	35°809	-11°951	-3	...	...	...	23°998	-4°395	-5	...	...

MC measured from 1, 65, 111.

T " " 33, 81, 156.

Co-ordinates.						Diam.	C.P.D.			Co-ordinates.						Diam.	C.P.D.						
Notes.	x.		y.		-3.	No.	Mag.	Notes.	x.		y.		-3.	No.	Mag.	Notes.	x.		y.		-3.	No.	Mag.
61-120																							
6I	-23.856	+ 5.520	0.70	...	...	...	...	12I	+25.656	-57.350	-4	...	...	...	...	18I	+49.970	-21.997	-1	...	...	...	...
...	23.620	- 1.786	-5	p	...	...	...	...	26.355	+30.986	-3	...	...	...	...	...	50.101	+ 5.744	-4	m	...	...	...
...	23.548	-17.572	-4	...	...	...	...	*	26.584	-58.843	0.95	52.395	9.6	...	...	...	51.177	+10.014	-3	...	...	...	...
S *	22.537	-39.689	2.20	5I. 390	7.6	...	...	...	26.651	-31.831	-4	...	...	...	...	...	52.075	-31.433	-4	...	...	...	...
...	18.876	+43.349	-2	...	...	...	...	...	26.913	-22.458	-4	...	...	...	...	...	52.574	-25.729	-2	e	...	...	...
...	-18.526	+ 3.469	-3	...	...	...	...	...	+27.223	+17.889	-4	m	...	...	...	...	+52.603	-33.087	-5	p	...	...	...
...	17.691	-43.972	0.80	...	...	...	...	*	28.391	+50.995	1.00	50.444	9.7	...	...	...	53.231	- 3.289	-4	...	...	...	...
*	17.262	-32.960	1.00	5I. 391	9.7	...	...	...	28.951	+ 7.891	-2	...	...	...	...	Sf †	53.459	- 0.088	1.05	5I. 411	8.6	...	...
S *	16.256	-14.322	2.05	5I. 392	7.9	...	...	†	29.765	-32.588	-4	...	...	...	...	...	53.761	+55.995	0.75	50.449	9.7	...	...
...	16.134	-35.900	-4	...	...	...	...	...	30.304	-25.239	-2	...	...	...	...	...	55.237	-18.710	-1	e	...	...	...
7I	-15.248	-42.166	0.80	...	...	...	...	13I	+30.324	-55.214	0.80	...	...	...	...	19I	+56.231	+59.265	1.00	50.450	9.3	...	...
S *	14.711	+ 5.373	1.15	5I. 393	8.8	...	...	*	30.654	- 2.335	0.90	51.401	9.6	...	...	...	56.479	-21.212	0.80	e	...	...	...
*	11.421	-56.379	1.00	...	...	...	...	...	30.924	+31.858	0.80	...	...	...	...	S *	56.689	+55.890	1.40	50.451	8.6	...	...
...	10.032	-54.641	-1	...	...	...	...	...	31.138	-56.044	-4	...	...	...	...	...	56.946	-49.854	-2	e	...	...	...
*	9.020	+42.795	0.90	50.438	9.9	...	...	*	31.413	+15.388	1.00	50.445	9.6	...	...	...	57.257	+22.680	0.95	50.452	9.7	...	...
...	- 7.947	+25.871	-4	...	...	...	...	*	+32.543	+39.039	0.90	...	...	...	...	...	+57.397	+41.612	-5	e	...	...	...
...	7.692	+27.752	-4	...	...	...	...	*	33.021	+ 2.080	1.00	51.402	9.4	...	...	f *	57.961	- 0.142	1.25	5I. 412	8.2	...	...
...	7.640	+29.397	-4	...	...	...	...	...	33.054	+13.632	-4	m	...	...	...	*	58.137	+58.337	1.30	50.453	9.0	...	...
...	7.628	+17.107	-1	...	...	...	...	...	33.063	-55.590	-4	p	...	...	...	*	58.897	+10.997	1.20	50.454	8.3	...	...
...	5.427	+50.111	-4	...	...	...	...	†	33.610	+54.777	-4	a	...	...	...	...	...	...	...	...	...	...	...
8I	- 4.952	-36.757	-3	...	...	...	...	14I	+33.963	-25.110	3.50	51.404	6.8	...	...	...	...	...	...	...	...	...	...
...	2.486	+26.800	-3	...	...	...	...	S †	34.262	+ 2.485	-4	m	...	...	...	...	...	...	...	...	...	...	...
...	- 1.208	-46.791	-4	...	...	...	...	*	34.339	- 2.261	1.20	51.403	9.0	...	...	...	...	...	...	...	...	...	...
...	+ 0.079	+37.279	-2	...	...	...	...	...	34.386	-24.718	0.80	...	...	...	...	...	...	...	...	...	...	...	...
...	2.593	+24.213	-4	m	...	...	...	...	34.483	+ 8.790	-3	...	...	...	...	...	...	...	...	...	...	...	...
...	+ 3.308	-16.753	-4	p	...	...	...	S *	+34.871	+38.288	1.15	50.446	8.7	...	...	...	...	...	...	...	...	...	...
...	3.637	+28.286	-3	...	...	...	...	*	34.968	- 8.066	1.20	51.405	9.0	...	...	...	...	...	...	...	...	...	...
...	5.222	+31.625	-4	b	...	...	...	*	35.558	+38.099	0.95	50.447	9.4	...	...	...	...	...	...	...	...	...	...
...	5.684	+38.513	-4	d	...	...	...	*	36.235	-18.448	0.90	51.406	9.7	...	...	...	...	...	...	...	...	...	...
...	5.960	-57.756	-3	...	...	...	...	...	36.546	- 2.620	-1	...	...	...	...	...	...	...	...	...	...	...	...
9I	+ 6.230	-35.732	-5	p	...	...	...	15I	+36.585	-50.077	-4	...	...	...	...	...	...	...	...	...	...	...	...
...	6.788	+54.412	-1	...	...	...	...	...	36.805	-11.184	-4	...	...	...	...	...	...	...	...	...	...	...	...
...	7.462	+59.536	-4	d	...	...	...	...	37.073	-40.236	-4	...	...	...	...	...	...	...	...	...	...	...	...
*	7.475	-12.290	1.05	5I. 394	9.3	...	...	...	38.041	+39.319	-4	m	...	...	...	...	...	...	...	...	...	...	...
...	7.577	+18.769	-3	...	...	...	...	...	39.298	+16.399	-4	m	...	...	...	...	...	...	...	...	...	...	...
+	+ 9.876	-20.814	1.20	5I. 395	8.6	...	...	...	+39.859	+ 9.743	-4	m	...	...	...	...	...	...	...	...	...	...	...
*	10.033	-30.394	1.05	5I. 396	9.2	...	...	...	40.388	+31.458	-5	m	...	...	...	...	...	...	...	...	...	...	...
...	10.669	+52.947	-2	...	...	...	...	*	40.613	-27.108	1.00	51.407	9.4	...	...	...	...	...	...	...	...	...	...
...	12.243	- 4.929	-3	...	...	...	...	...	41.222	-57.947	-5	p	...	...	...	...	...	...	...	...	...	...	...
*	13.134	-54.179	1.05	5I. 397	9.6	...	...	*	41.311	+15.276	0.90	...	...	...	...	...	...	...	...	...	...	...	...
10I	+14.595	-17.902	1.05	5I. 398	9.4	...	...	16I	+41.368	+ 4.011	-2	...	...	...	...	...	...	...	...	...	...	...	...
...	15.139	-21.937	-2	...	...	...	...	*	41.741	-25.316	1.00	51.408	9.4	...	...	...	...	...	...	...	...	...	...
...	15.885	-48.936	-5	...	...	...	...	...	42.270	- 0.951	-4	...	...	...	...	...	...	...	...	...	...	...	...
...	16.142	+ 9.575	-3	...	...	...	...	...	42.457	+37.739	-2	a	...	...	...	...	...	...	...	...	...	...	...
S *	16.222	+51.853	1.05	50.439	9.2	...	...	...	42.594	+31.171	-4	m	...	...	...	...	...	...	...	...	...	...	...
...	+16.850	-39.175	-2	...	...	...	...	...	+43.419	-26.856	-4	...	...	...	...	...	...	...	...	...	...	...	...
...	16.856	-16.030	-1	...	...	...	...	...	43.501	-46.936	-1	...	...	...	...	...	...	...	...	...	...	...	...
*	17.372	+48.398	0.95	50.440	9.7	...	...	...	43.572	-10.976	-1	...	...	...	...	...	...	...	...	...	...	...	...
*	17.756	-40.163	2.05	5I. 399	7.6	...	...	...	43.972	- 4.327	0.65	...	...	...	...	...	...	...	...	...	...	...	...
S *	19.366	-54.697	1.20	52.393	8.6	...	...	*	45.091	+24.996	1.10	50.448	9.2	...	...	...	...	...	...	...	...	...	...
11I	+20.595	-31.067	1.10	5I. 400	9.2	...	...	17I	+45.724	+57.893	-5	m	...	...	...	...	...	...	...	...	...	...	...
...	20.693	+38.563	0.65	...	...	...	...	*	45.975	-26.760	0.85	...	...	...	...	...	...	...	...	...	...	...	...
*	20.889	+38.700	1.40	50.441	8.5	...	...	*	46.865	- 9.577	1.25	51.409	8.2	...	...	...	...	...	...	...	...	...	...
...	21.033	-41.641	0.75	...	...	...	...	...	47.706	-48.522	-1	...	...	...	...	...	...	...	...	...	...	...	...
S *	21.397	+11.025	0.95	50.442	9.6	...	...	...	48.130	-50.216	-4	...	...	...	...	...	...	...	...	...	...	...	...
...	+21.928	-12.675	-4	p	...	...	...	...	+48.211	-28.855	0.70	...	...	...	...	...	...	...	...	...	...	...	...
*	22.121	+32.931	0.95	50.443	9.6	...	...	*	48.325	-11.244	1.00	51.410	9.3	...	...	...	...	...	...	...	...	...	...
...	22.549	-16.496	-3	...	...	...	...	...	48.671	-50.856	-5	p	...	...	...	...	...	...	...	...	...	...	...
...	24.653	-23.853	0.75	...	...	...	...	...	49.602	- 2.789	-3	...	...	...	...	...	...	...	...	...	...	...	...
...	24.859	+ 2.952	0.85	...	...	...	...	...	49.613	-56.253	0.70	...	...	...	...	...	...	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1-60						61-120						121-155					
I						6I						I2I					
SF*	-59°850	-0°222	1·20	51. 4II	8·6	*	-13°414	+33°354	1·30	50. 458	8·6	...	+35°176	-9°533	-1	...	...
...	59°702	-25°869	-2	E	...	...	11°815	-30°708	-3	...	...	...	35°235	+9°568	-4	...	...
*	59°493	+59°197	1·10	50. 450	9·3	...	11°234	-38°714	-4	p	...	...	35°504	+7°767	-2	...	...
S*	58°901	+55°841	1·50	50. 451	8·6	...	10°837	-45°360	-4	...	...	S*	37°432	+42°565	2·10	50. 465	7·6
...	57°593	+41°596	-4	E	...	...	10°168	-3°586	-4	...	...	...	38°263	+52°447	-3	...	...
*	-57°553	+58°354	1·25	50. 453	9·0	S*	-9°955	+46°608	1·95	50. 459	8·0	...	+38°473	-22°901	-4	p	...
...	57°322	-18°747	0·70	E	...	*	7°502	+50°688	1·10	50. 460	9·0	...	40°713	+3°311	-3	...	...
*	56°979	+22°686	0·95	50. 452	9·7	...	7°443	+41°359	-4	M	...	*	41°501	+48°448	1·00	50. 466	9·6
...	55°970	-21°197	0·85	E	...	*	7°244	-9°437	1·80	51. 418	8·2	*	42°065	-8°779	0·85	51. 426	9·7
F†	55°346	-0°073	1·50	51. 412	8·2	N	7°190	-9°885	-3	51. 417	9·7	S*	42°112	-4°432	1·00	51. 427	9·0
II						7I						I3I					
†	-54°871	+11°078	1·40	50. 454	8·3	...	-6°982	+54°380	-4	M	...	...	+44°484	+40°698	0·75	...	...
...	54°505	+39°384	-4	D	...	...	6°630	+46°188	-4	...	...	*	44°494	+25°555	0·90	50. 467	9·6
...	54°344	-49°787	-1	E	...	*	5°936	-42°123	1·00	51. 419	9·4	*	44°554	-29°367	1·00	51. 428	9·4
...	50°484	+7°529	-2	...	...	...	5°566	-2°470	-4	...	...	...	44°609	+8°009	-4	...	...
...	50°332	+2°824	-2	...	...	...	5°462	+56°172	0·70	...	...	...	46°074	+3°278	-3	...	...
†	-49°980	+0°879	0·65	...	...	...	-4°156	+29°385	-2	...	...	...	+47°121	+15°601	0·70	...	...
...	49°122	-36°383	-5	p	...	S*	3°834	+16°929	4·20	50. 461	6·8	...	47°129	+37°439	-5	a	...
...	47°728	-41°086	-2	...	...	...	3°159	+57°825	-5	M	...	...	48°266	-50°131	-5	p	...
...	47°727	-15°891	-4	...	...	...	1°622	-7°214	0·90	51. 420	9·6	S*	48°322	-55°566	1·10	52. 426	9·0
*	46°637	58°345	1·10	52. 405	9·6	...	1°388	+56°435	-4	...	...	...	48°435	+39°165	-5	m	...
2I						8I						I4I					
...	-46°303	+24°109	-4	M	...	...	-0°291	-6°290	-3	...	...	n*	+48°510	-17°563	1·00	51. 429	9·0
*	45°974	+51°090	1·05	50. 455	9·7	...	+1°329	-31°097	-3	...	...	...	48°583	-7°097	0·65	...	...
S*	42°930	-52°730	1·15	51. 413	9·0	...	2°666	+24°704	-3	...	...	n*	48°599	-17°546	0·90	51. 429	9·0
...	42°691	+17°025	-1	...	...	...	3°351	-50°397	-4	...	...	...	49°657	-15°440	-2	...	...
*	41°537	+14°606	-3	A	...	...	3°497	-16°239	-2	...	...	...	50°459	-39°158	0·80	51. 430	9·7
...	-40°258	+18°127	-3	...	...	*	+3°693	+49°208	1·00	50. 462	8·8	...	+51°546	+10°580	-2	...	...
...	40°094	+11°201	-1	...	...	...	4°121	-22°071	0·80	51. 421	9·7	*	51°731	+31°793	0·80	50. 469	9·7
S*	39°366	+50°113	1·00	50. 456	9·2	...	4°698	+45°178	-2	...	...	...	52°104	+11°784	-5	m	...
...	38°593	+44°208	-4	D	...	...	6°224	+6°227	1·00	50. 463	9·3	e*	53°264	-39°105	1·05	51. 431	9·6
...	38°209	+24°612	-4	M	...	...	7°392	+19°493	-4	...	...	e*	54°285	-6°116	1·00	51. 432	9·6
3I						9I						I5I					
...	-38°092	+19°348	-5	M	...	...	+8°894	+26°853	-3	...	...	...	+56°975	-51°965	-4	e	...
...	37°951	-11°779	-5	p	...	...	9°159	-41°294	0·65	...	...	e	57°624	-38°036	0·95	51. 433	9·7
...	37°452	-53°857	-5	p	...	...	11°288	-19°033	-4	...	...	e*	58°576	-56°261	1·15	52. 429	9·0
†	36°859	-44°928	-3	...	...	...	12°335	+4°192	-3	...	...	SN*	59°336	+21°821	1·20	50. 471	8·6
...	34°114	-13°393	-3	...	...	...	12°490	+1°217	-3	...	...	Se*	59°341	-48°308	1·20	51. 434	8·8
*	-33°702	-15°435	1·00	51. 414	9·6	...	+13°441	+2°854	0·90	51. 422	9·6	...					
...	32°614	+37°178	-5	M	...	...	13°925	+27°155	-4	...	...	...					
...	32°539	-42°031	-4	...	...	*	15°604	-18°379	1·50	51. 423	8·5	...					
...	31°981	+18°856	-4	M	...	...	15°704	-16°332	-4	...	...	...					
...	30°646	+23°047	-3	...	...	...	17°004	-47°429	-4	...	...	...					
4I						10I						...					
...	-30°538	+29°092	-3	...	...	...	+17°107	+5°714	-5	...	...	...					
...	27°969	+35°558	0·80	...	...	...	17°453	+56°476	-5	...	...	...					
...	25°371	-24°573	0·70	...	...	...	18°913	+30°889	-4	...	...	...					
...	22°685	+25°571	0·90	50. 457	9·7	...	18°917	-8°321	-4	...	...	...					
...	22°662	+17°883	-3	...	...	...	20°254	-49°757	-4	...	...	...					
...	-21°851	-19°159	-3	...	...	...	+21°220	+26°197	0·85	50. 464	9·7	...					
...	21°779	+26°165	0·70	...	...	...	23°182	+59°442	-4	...	...	...					
...	21°652	+11°584	0·75	...	...	...	23°737	+18°703	-4	...	...	...					
...	21°309	+58°180	-3	...	...	...	23°794	-9°100	-5	...	...	...					
...	20°791	+54°339	-1	...	...	*	24°366	-46°844	1·00	51. 424	9·4	...					
5I						11I						...					
...	-19°713	+36°217	-1	...	...	...	+25°276	+23°531	0·75	...	...	...					
...	18°345	-27°047	-4	...	...	...	25°434	-52°948	-2	...	...	...					
...	17°408	-29°644	0·75	...	...	...	27°604	-53°637	-2	...	...	...					
...	17°356	+54°374	-5	M	...	...	28°570	+6°312	-4	...	...	...					
...	16°690	+37°283	-4	M	...	...	28°801	+44°225	-2	...	...	...					
S*	-14°763	-40°158	1·00	51. 415	9·3	S*	+30°757	-32°616	1·30	51. 425	8·2	...					
...	14°288	-33°013	-2	...	...	...	31°446	+47°579	-4	...	...	...					
...	13°916	+4°532	-5	...	...	†	33°257	-49°835	-3	...	...	...					
*	13°619	-52°851	1·15	51. 416	9·0	...	33°474	-17°192	-2	...	...	...					
...	13°445	-16°688	-5	p	...	...	34°991	-5°974	-1	...	...	...					

T measured from 1, 51, 116.
MC " " 28, 82.

70. Partly obscured by 2nd image of 69.

141, 143. C.P.D., mass.

154. Remeasure 1919, $\alpha = 59°326$.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	°. ' "	° ' "		No	Mag.		°. ' "	° ' "		No	Mag.		°. ' "	° ' "		No	Mag.	
1-60						61-120						121-180						
I						6I						12I						
E *	-58.785	-6.201	1.00	5I. 432	9.6	...	-25.032	-28.172	-5	...	...	†	+9.836	-20.134	-2	...	...	
E *	58.468	-39.210	1.00	5I. 431	9.6	*	24.939	+4.721	1.05	5I. 440	9.4	...	10.267	-40.798	-3	...	...	
S *	54.878	+21.915	1.30	50. 471	8.6	...	24.714	+32.670	-4	...	...	*	11.067	+18.832	1.15	50. 484	8.8	
...	54.529	-17.008	-5	p	...	...	24.565	+28.110	-5	A	...	...	...	11.141	+34.401	-3	...	...
...	54.233	-51.910	-3	E	...	...	24.378	+33.499	-5	B	...	...	...	11.292	-34.394	-4	...	...
E	-54.143	-37.968	0.90	5I. 433	9.7	...	-24.127	+46.523	-2	...	...	...	...	+11.734	+7.176	0.95	50. 485	9.7
...	54.081	+33.432	-3	...	...	...	23.488	-26.183	-4	...	...	...	...	11.831	+15.939	-4	...	...
...	52.840	-4.886	-5	p	...	*	23.396	-6.897	2.60	5I. 441	7.6	...	...	11.962	-23.070	0.85	...	...
E *	52.455	-56.146	1.40	52. 429	9.0	...	22.674	-56.988	-4	...	...	...	...	12.692	-49.532	-4	...	...
SE *	52.015	-48.158	1.30	5I. 434	8.8	...	22.240	+38.003	-5	...	...	*	...	12.952	+43.915	1.00	50. 486	9.6
II						7I						13I						
...	-51.936	+37.132	-3	...	...	...	-21.505	+53.119	-3	...	...	...	+14.225	+29.542	-4	d	...	
*	51.770	+52.316	1.00	50. 472	9.2	...	21.216	-49.502	-4	...	...	...	14.227	-36.878	-5	...	...	
†	50.082	+31.744	1.00	50. 473	9.3	...	21.209	-21.707	-5	p	...	...	...	14.521	-0.021	-4	...	...
...	49.274	+23.921	-4	...	...	*	21.031	-57.404	1.30	52. 439	8.5	...	...	14.666	-8.336	-5	p	...
...	48.979	-27.214	-5	p	...	S *	19.919	+35.883	1.50	50. 479	8.2	...	...	14.723	-34.016	-1	...	...
*	-48.964	+41.603	0.95	50. 475	9.6	S *	-19.631	-36.371	1.80	5I. 442	8.2	...	...	+15.071	-53.750	-2	...	...
*	48.640	+7.358	1.00	50. 474	9.2	*	19.504	+55.691	1.00	50. 480	9.4	...	...	15.892	+54.035	-5	m	...
...	47.843	+42.769	-4	...	...	...	18.905	+12.457	-4	...	...	...	...	16.587	+31.233	-3	...	...
...	47.784	+0.066	-4	...	...	...	17.902	+54.948	-3	A	...	...	...	16.680	-41.104	-2	...	...
...	47.394	+47.664	-4	...	...	S *	17.169	+1.601	2.90	5I. 443	7.2	...	...	17.191	-55.748	-5	...	...
2I						8I						14I						
...	-47.062	+15.607	0.80	...	...	...	-14.916	-5.254	-1	...	...	...	+17.556	+59.898	-3	...	...	
*	46.978	+15.486	0.90	50. 476	9.3	...	14.300	-32.930	-5	...	...	...	...	17.746	+49.813	0.75	...	...
...	46.446	-56.182	-4	...	...	...	14.035	-38.934	-3	...	...	*	...	17.775	+45.687	1.10	50. 487	9.0
...	45.179	+38.931	-4	...	...	...	13.739	-47.889	0.85	...	...	*	...	18.043	+13.521	1.05	50. 488	9.4
...	44.263	+56.202	-4	...	...	...	13.099	+1.411	-2	...	...	...	...	18.498	+14.766	-3	...	...
...	-43.698	+52.931	-4	...	...	...	-12.190	-56.190	0.80	...	...	...	...	+18.723	-58.684	-3	...	...
*	43.424	-29.581	1.10	5I. 435	8.9	...	12.019	-56.124	-3	...	...	...	...	19.231	-47.529	0.70	...	...
...	42.757	-30.559	-3	...	...	...	11.882	+33.535	-4	...	...	...	...	19.618	+56.865	-5	m	...
...	42.753	-20.209	-5	...	...	...	11.275	-44.863	-4	...	...	S *	...	19.918	+11.652	1.50	50. 489	8.5
...	42.024	-33.400	-3	...	...	...	11.042	-28.482	-5	...	...	...	...	21.007	-6.884	0.90	5I. 449	9.6
3I						9I						15I						
...	-41.418	-27.609	0.65	...	...	...	-10.404	-53.447	-4	...	...	*	...	+22.084	+3.157	1.30	5I. 450	8.5
...	41.352	+53.939	-5	...	...	...	10.397	-24.897	-3	...	...	...	...	22.109	-6.493	-4	...	...
...	40.969	-23.832	-5	...	...	...	9.712	-28.773	0.70	...	...	...	...	22.139	+46.680	-3	...	...
...	39.793	+51.747	-4	...	...	*	9.099	+12.909	1.00	50. 481	9.2	...	...	22.321	-56.361	-3	...	...
...	39.319	-41.720	0.75	...	...	...	8.009	+13.876	-2	...	...	...	...	22.446	+6.232	-4	b	...
...	-39.231	+38.488	-5	C	...	...	-7.768	-30.235	-4	...	...	...	...	+22.947	-57.500	-5	p	...
...	38.996	-28.533	-4	...	...	*	6.710	-15.557	1.20	5I. 444	8.9	...	...	22.989	+37.605	0.75	...	...
...	38.357	-35.481	-4	...	...	...	6.597	+36.533	-2	...	...	*	...	23.527	-3.701	2.80	5I. 451	7.3
*	38.349	-21.025	1.00	5I. 436	9.6	*	6.259	+26.555	1.20	50. 482	9.0	...	...	24.182	-30.975	-4	...	...
...	37.915	-55.191	-2	...	...	...	5.594	-54.311	0.90	5I. 445	9.7	S *	...	24.560	+37.536	1.60	50. 490	8.1
4I						10I						16I						
*	-37.621	-46.302	1.05	5I. 437	9.2	...	-4.812	-30.389	-4	...	...	...	...	+24.835	+6.101	-3	...	...
...	37.295	+39.606	-4	...	...	...	3.995	+15.905	-1	...	...	...	...	25.741	-13.658	-2	...	...
...	37.131	-43.643	0.90	...	...	...	3.449	+20.015	-3	...	...	...	...	27.891	+31.013	-2	...	...
...	35.229	+27.024	-4	...	...	...	2.958	+48.349	-4	...	...	...	...	29.437	-18.636	-4	...	...
...	34.614	-55.613	-4	...	...	...	2.844	-22.967	-3	...	...	...	...	31.181	-9.228	-2	...	...
...	-33.701	-25.335	-3	...	...	...	-0.484	-27.294	-1	...	...	...	...	+31.323	-8.187	-4	...	...
...	33.043	+10.366	-4	...	...	...	-0.450	-27.259	-5	...	...	n *	...	31.988	+14.550	0.90	50. 491	8.8
...	32.359	-44.334	-3	...	...	...	+0.568	+21.988	-1	...	...	n *	...	32.162	+14.692	1.00	...	...
...	32.237	-35.594	0.70	...	...	...	0.680	-10.301	-4	...	...	...	...	32.276	-17.718	0.85	5I. 452	9.8
...	30.670	+44.972	0.75	...	...	...	1.920	-37.577	-3	...	...	...	...	33.066	+22.033	-4	...	...
5I						III						17I						
...	-29.576	-8.286	-4	...	...	*	+2.045	-37.769	1.15	5I. 446	8.7	...	...	+33.505	+31.430	0.80	50. 492	9.8
...	28.570	+22.003	-4	...	...	S *	3.737	-34.327	1.90	5I. 447	7.9	...	...	34.561	+58.459	-5	m	...
*	28.547	+13.639	0.80	50. 477	9.7	...	3.814	-9.567	-3	...	...	...	...	34.634	+0.679	-4	b	...
*	28.501	-44.871	1.20	5I. 438	8.8	...	5.277	-13.462	-5	p	...	*	...	34.792	+24.520	1.00	50. 493	9.6
...	27.528	+53.459	-1	...	...	...	5.832	-45.437	-1	...	...	†	...	35.667	+35.168	1.40	50. 494	8.2
*	-27.155	+38.941	0.85	50. 478	9.7	...	+7.958	+55.193	-5	m	...	...	...	+37.306	+2.004	-4	d	...
...	26.984	-18.178	-3	...	...	*	8.666	-11.773	0.95	5I. 448	9.6	...	...	37.699	+29.765	-5	m	...
...	26.815	+28.964	-4	...	...	...	8.800	-46.935	-3	...	...	...	...	37.726	-6.145	-3	...	...
*	26.289	-19.047	1.00	5I. 439	9.6	...	9.049	+42.794	-4	b	...	*	...	37.819	+23.499	1.00	50. 495	9.7
...	26.107	-53.673	0.75	...	...	...	9.647	+57.056	-3	...	...	*	...	38.306	+4.859	1.00	50. 496	9.6

MC measured from 1, 75, 149.
T " " 34, 108, 186.

167, 168. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.
181-200					
18I					
*	+38.842	+17.180	1.00	50. 498	9.6
...	38.975	+40.622	-5	<i>m</i>	...
*	39.195	+40.479	0.95	50. 497	9.6
*	39.604	+10.578	0.95	50. 499	9.8
*	39.684	-42.366	1.00	51. 453	9.4
S †	+39.787	-44.139	1.05	51. 454	9.2
...	40.192	-9.546	-3	...	...
...	40.794	+12.134	-4	<i>b</i>	...
...	40.846	+39.267	-5	<i>m</i>	...
*	40.876	+38.953	1.25	50. 500	8.7
19I					
...	+41.448	-53.377	-3	...	...
...	43.034	+18.669	-1	...	...
...	43.039	+12.064	-3	...	...
S *	43.372	+16.649	1.10	50. 501	8.8
...	44.506	-4.083	-1	...	...
...	+44.525	-18.176	-4	...	...
...	44.642	-57.526	-5	...	...
S *	46.097	+46.994	1.20	50. 502	9.2
...	46.777	-26.284	-1	...	...
*	46.782	-32.156	0.95	51. 455	9.7

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.
201-214					
20I					
...	+47.957	+41.099	-2	...	...
...	48.189	+14.458	-1	...	...
†	49.192	-9.734	-4	...	...
...	49.200	-25.526	-1	...	...
...	49.237	-33.875	-3	...	...
...	+49.860	-59.337	-4	...	...
...	49.910	-7.317	-3	...	...
...	50.212	+26.487	-4	<i>d</i>	...
...	50.454	-56.414	0.70	...	...
...	51.659	-43.180	-5	...	...
21I					
...	+51.932	+13.913	-4	<i>b</i>	...
Se *	54.199	-20.014	1.20	51. 456	8.7
...	57.340	-0.301	-3	<i>e</i>	...
...	57.449	+35.451	-3	<i>e</i>	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		...	No.

1-30						31-60						61-90					
I						3I						6I					
S E *	-58.292	-20.105	1.30	51. 456	8.7	...	-42.023	+7.483	0.70	...	...	...	-23.964	+25.856	-4	M	...
...	57.294	+35.457	-3	E	...	...	41.908	+7.938	-5	M	...	...	23.771	+44.505	-4	M	...
...	55.963	-0.286	-3	E	...	...	41.606	-59.181	-4	...	...	...	23.758	-27.861	-4	...	...
...	52.618	+14.288	-2	B	...	...	41.237	-18.501	0.75	...	...	...	23.163	+50.890	-4	M	...
...	51.336	+54.164	-4	M	...	S *	41.162	+12.633	1.00	50. 505	9.6	...	22.475	-39.138	-4	...	...
...	-51.133	-33.529	-5	...	...	*	-40.584	+45.470	1.40	50. 507	8.7	...	-21.881	+38.563	-4	M	...
*	51.094	-48.923	1.05	51. 457	9.8	...	40.395	+23.857	0.80	50. 506	9.9	...	21.355	+8.542	0.75	...	...
...	50.598	-23.108	-3	...	...	...	38.459	-17.651	0.70	...	...	...	21.128	-30.922	-3	...	...
*	50.229	-9.895	0.85	51. 458	9.8	*	38.369	+22.734	0.95	50. 508	9.6	...	21.099	-57.713	-5	...	...
...	49.335	+23.365	0.70	...	...	...	38.074	+58.947	0.90	50. 510	9.9	S *	20.855	+40.339	1.20	50. 515	8.7
II						4I						7I					
...	-49.240	+10.289	-1	...	...	*	-37.873	+32.553	1.05	50. 509	9.4	...	-20.717	-57.762	-5	...	...
...	48.736	-1.154	-4	...	...	...	37.492	-0.817	-5	<i>p</i>	...	*	19.265	-17.162	1.00	51. 459	9.4
...	48.062	-41.237	-4	...	...	*	37.410	+30.467	1.20	50. 511	9.0	...	18.068	-53.630	-2	...	...
...	47.782	+27.817	-4	M	...	†	35.331	+37.601	1.20	50. 512	9.0	*	17.250	-59.672	1.00	52. 463	9.4
*	47.720	+47.657	1.10	50. 503	9.3	...	35.203	+46.642	-4	M	...	S *	17.249	-1.554	1.35	51. 460	8.7
...	-47.620	-31.484	-4	...	...	...	-33.373	+5.966	-1	...	...	...	-16.147	+56.143	-4	M	...
...	47.547	+1.429	-3	...	...	...	33.285	+34.741	-1	...	...	*	15.944	-37.680	1.00	51. 461	9.8
...	47.460	-14.638	-4	...	...	...	33.235	+56.543	-1	...	...	...	14.135	-30.623	-3	...	...
†	47.415	+9.674	-3	C	...	*	32.446	+33.941	1.10	50. 513	9.3	...	13.843	-54.408	-4	...	...
...	47.298	-54.856	-3	...	...	*	32.292	+35.615	0.95	50. 514	9.8	...	13.477	-41.292	0.75	...	...
2I						5I						8I					
...	-46.636	+59.251	-4	M	...	...	-32.176	-2.515	-4	...	...	...	-13.396	+5.455	-2	...	...
...	46.459	-53.706	-4	...	...	...	31.875	+9.434	-4	M	...	...	11.739	+38.845	-1	...	...
...	45.583	+13.236	-1	...	...	...	31.561	+58.508	-4	M	...	...	9.242	-45.670	0.90	51. 462	9.9
...	45.182	-54.716	-5	...	...	...	30.580	-49.369	-4	<i>p</i>	...	...	8.952	+51.204	-3	...	...
...	44.878	+43.409	-4	M	...	...	30.486	+38.797	-5	M	...	*	6.883	-51.093	1.00	51. 463	9.9
...	-44.404	+9.855	-5	M	...	...	-29.918	+38.363	0.65	...	...	...	-6.402	+39.976	-3	...	...
...	44.367	+27.794	0.80	50. 504	9.9	...	29.102	-24.014	-5	<i>p</i>	...	...	5.710	+0.652	-3	...	...
...	42.805	+13.479	-3	...	...	...	28.931	+32.303	-1	...	...	...	5.575	-31.183	-5	...	...
...	42.433	-43.203	0.70	...	...	†	27.873	-5.235	-4	...	...	...	5.523	-33.369	-4	...	...
...	42.356	+15.278	-1	...	...	...	26.163	+11.266	-3	...	...	...	5.281	-36.438	-5	<i>p</i>	...

T measured from 1, 95.

MC " " 56, 137.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x	y.		No.	Mag.		x.	y.		No.	Mag.
91-130						131-170						171-201					
9I	-4.588	+10.248	-3	...	...	13I	+21.474	-21.567	-3	...	...	17I	+41.487	+17.703	1.20	50.527	9.2
...	3.962	-55.595	0.90	52.467	9.9	...	21.849	+55.121	-4	m	...	...	42.602	+6.438	-3	...	...
...	2.024	-27.844	0.90	51.464	9.9	*	21.876	-18.320	1.05	51.474	9.4	*	43.166	+21.981	0.95	50.528	9.9
...	-0.547	+22.626	-4	Mm	...	...	22.495	+25.176	-1	...	...	...	43.201	-29.121	-5	...	...
*	+0.555	+57.235	2.00	50.516	8.2	*	22.992	+43.813	0.95	50.519	9.8	...	44.321	-28.517	-4	...	...
*	+1.502	-17.535	1.05	51.465	9.6	...	+23.061	-26.359	-5	p	...	†	+44.459	+56.421	-4	m	...
*	1.521	-30.207	0.95	51.466	9.6	...	24.834	-5.488	-4	...	...	S*	44.741	-14.617	1.15	51.485	8.7
...	3.028	+56.075	-5	m	...	*	25.029	-35.160	1.10	51.475	9.4	*	45.135	+12.574	1.80	50.529	8.0
...	3.797	+43.247	-4	m	...	*	25.812	-6.878	1.10	51.476	9.2	...	45.451	+40.900	-4	m	...
...	6.142	+33.221	-4	m	...	...	28.908	+58.356	-4	m	...	...	46.568	+0.984	-3	b	...
IOI	...	...	...	...	...	14I	...	...	...	...	...	18I	...	...	...	...	...
...	+6.445	-41.248	-3	...	...	S*	+29.664	+23.088	1.15	50.520	9.1	...	+47.017	+13.418	-3	...	...
...	7.825	-48.436	0.70	...	...	*	30.511	-33.877	1.00	51.477	9.4	...	47.887	-8.193	0.85	51.486	9.9
...	8.094	+58.768	-4	...	...	...	30.781	+37.643	-1	...	...	*	48.239	+35.518	1.20	50.530	9.2
...	8.526	-6.721	0.70	51.467	9.9	*	31.071	-23.811	1.00	51.478	9.8	...	48.534	+52.056	-3	d	...
...	8.875	+26.661	-3	...	...	*	31.529	+59.112	1.00	50.521	9.7	...	48.911	-17.940	-3	...	...
...	+8.884	-5.538	-5	p	...	*	+31.637	+30.560	1.20	50.522	9.0	S*	+49.071	+12.402	2.20	50.531	7.6
...	10.080	+50.104	-3	...	...	*	31.868	-39.198	1.10	51.479	9.6	...	49.954	-31.412	-3	...	...
...	10.803	+5.251	-5	m	...	...	32.372	+17.012	-3	...	...	...	50.177	+8.217	-4	m	...
*	11.265	+19.345	0.95	50.517	9.7	...	32.935	+48.432	-3	d	...	*	50.319	-36.802	1.00	51.487	9.8
...	11.789	-52.787	-4	p	...	...	33.070	+0.246	-3	b	...	...	51.134	-36.111	-3	...	...
III	...	...	...	...	...	15I	...	...	...	...	...	19I	...	...	...	...	...
...	+12.209	+56.269	-5	m	...	S*	+33.097	-50.951	2.30	51.480	7.6	...	+51.218	+24.593	0.80	...	...
...	12.484	+36.863	-5	m	...	*	33.573	-32.026	1.20	51.481	9.4	*	52.317	-0.651	1.20	51.488	9.1
...	14.157	+36.928	-3	b	...	*	33.831	+28.042	1.10	50.523	9.4	...	53.462	-53.212	-4	e	...
...	14.482	+24.128	-4	m	...	*	35.407	-36.686	1.60	51.482	8.7	...	53.527	-6.755	-5	e	...
...	14.635	-58.703	-1	...	...	*	35.735	+8.457	0.70	...	...	...	54.313	-5.737	-3	e	...
...	+14.942	+21.375	0.70	...	...	*	+36.555	-4.987	1.00	51.483	9.8	...	+55.436	+21.924	-2	e	...
*	16.056	+26.462	1.05	50.518	9.4	S*	37.138	+55.865	1.10	50.525	8.8	e*	55.741	-44.494	1.00	51.489	9.7
...	16.430	-13.583	0.95	51.468	9.8	...	37.981	+43.643	-5	m	...	e*	57.826	-47.065	1.40	51.490	9.1
*	16.450	-59.576	1.20	52.474	9.2	*	38.145	-42.906	1.00	51.484	9.8	...	58.169	+52.825	-2	50.532	9.9
...	16.473	-46.140	-1	...	...	...	38.476	-4.983	-4	...	...	...	58.332	+11.683	-3	e	...
I2I	...	...	...	...	...	16I	...	...	...	...	...	20I	...	...	...	...	...
...	+17.262	+52.486	-4	m	...	*	+38.968	+26.358	1.10	50.526	9.4	Se*	+59.150	-55.987	2.15	51.491	8.0
*	17.519	-37.102	0.85	51.469	9.9	...	39.245	+45.582	-3	b	...	...	...	...	...	...	...
...	18.212	+55.734	0.70	...	...	...	39.557	-24.525	-3	...	...	...	...	...	...	...	...
...	19.387	+57.279	-5	m	...	...	39.596	+27.099	-2	b	...	...	...	...	...	...	...
...	19.811	-27.700	1.15	51.471	8.7	...	40.174	-19.597	-3	...	...	...	...	...	...	...	...
...	+19.826	+2.562	0.70	51.470	9.9	...	+40.812	-12.979	0.75	...	...	...	...	...	...	...	...
...	19.972	+54.200	-4	m	...	...	41.002	-32.255	-3	...	...	...	...	...	...	...	...
S*	20.218	-22.527	1.90	51.472	8.2	...	41.033	+37.704	-4	m	...	...	...	...	...	...	...
*	20.533	-49.370	1.00	51.473	9.8	...	41.363	+45.499	-5	m	...	...	...	...	...	...	...
...	20.615	-30.718	-4	...	...	...	41.402	+54.292	-4	m	...	...	...	...	...	...	...

1-10						11-20						21-30					
I	x	y	Diam.	C.P.D.	Notes	II	x	y	Diam.	C.P.D.	Notes	2I	x	y	Diam.	C.P.D.	Notes
...	-59.521	-6.879	-5	E	...	...	-53.183	+48.601	-4	D	...	...	-49.690	-52.814	-4	...	...
...	59.003	-37.252	-5	p	...	...	52.710	+2.841	-2	...	...	*	49.270	-42.985	0.95	51.492	9.8
...	58.788	+21.865	-2	E	...	*	52.601	+9.484	1.00	50.533	9.4	S*	49.174	+29.018	1.45	50.535	8.4
...	58.784	-5.828	-3	E	...	...	51.895	+6.283	-4	M	...	...	48.441	+57.107	-3	D	...
...	57.697	-53.305	-3	E	...	SE*	51.883	-55.837	1.90	51.491	8.0	...	48.216	+15.351	-4	M	...
...	-57.301	+52.847	-1	50.532	9.9	...	-51.584	+13.892	0.85	50.534	9.9	*	-48.115	+0.307	0.95	51.493	9.7
E*	55.766	-44.498	1.00	51.489	9.7	...	50.833	+58.149	-4	M	...	...	47.904	+34.137	-4	M	...
...	55.478	+11.742	-3	E	...	...	50.691	+32.806	-2	D	...	...	47.631	-8.696	-4	...	...
...	53.916	+47.001	-2	...	...	...	50.524	+57.940	-2	B	...	...	47.449	+16.184	-4	M	...
E*	53.590	-46.973	1.20	51.490	9.1	...	50.435	-13.786	-4	...	...	...	47.415	+41.905	-2	B	...

MC measured from 1, 81, 148.

T " " 42, 112, 187.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag		x.	y.		No.	Mag.		x.	y.		No.	Mag
31-90						91-150						151-210					
3I	-46° 979	+39° 361	0.85	50. 536	9.9	9I	-9° 987	-1° 410	-4	...	...	15I	+21° 684	-43° 417	-5	...	...
...	46° 454	-48° 905	-2	...	...	*	9° 291	+27° 604	1° 20	50. 546	9.0	...	21° 893	+19° 572	-2	a	...
...	46° 298	-6° 850	-4	...	...	...	8° 434	+41° 537	0° 75	...	...	...	22° 045	-9° 258	-3	...	...
...	46° 001	+29° 944	-4	M	...	...	8° 406	+53° 185	0° 85	50. 547	9.9	...	22° 578	-8° 992	-2	...	...
...	44° 437	+4° 635	0° 80	50. 537	9.8	...	8° 055	+19° 177	-3	...	...	...	22° 928	+40° 746	-2	a	...
...	-44° 333	+30° 182	0° 80	50. 538	9.9	*	-7° 587	+33° 575	1° 60	50. 548	8.2	...	+23° 294	-59° 440	-2	...	...
...	43° 461	-53° 180	-4	p	...	...	6° 972	+25° 300	-5	M	...	...	23° 387	-27° 172	-2	...	...
...	42° 940	-21° 439	-4	...	...	S *	6° 803	+13° 599	1° 15	50. 549	8.8	...	23° 651	+55° 104	-4	...	...
...	42° 443	+50° 889	-3	D	...	...	6° 376	-55° 172	-4	...	...	...	24° 426	-35° 272	-4	...	...
...	42° 390	-21° 652	-3	...	...	...	5° 666	-56° 692	-3	...	...	...	24° 903	+1° 308	-4	...	...
4I	-41° 583	-57° 122	-1	...	...	10I	-4° 572	-47° 809	0° 75	51. 500	9.9	16I	+25° 327	+32° 602	-3	b	...
...	39° 989	+9° 629	1° 10	50. 539	9.0	...	4° 354	-29° 219	0° 75	51. 501	9.9	...	25° 506	+59° 684	-4	m	...
...	39° 591	-14° 090	-1	...	...	...	4° 245	+42° 051	-2	...	...	...	26° 094	+38° 082	0° 65	...	...
*	38° 749	-24° 090	0° 95	51. 494	9.8	...	3° 647	+54° 701	-5	M	...	...	26° 988	-53° 058	-4	...	...
...	38° 188	+41° 994	-4	M	...	S *	2° 595	-36° 774	1° 10	51. 502	8.7	...	27° 118	-51° 664	-3	...	...
...	-38° 120	+56° 299	0° 75	...	...	...	-1° 795	-29° 672	-3	...	...	*	+27° 156	+23° 264	0° 90	50. 558	9.7
...	37° 738	+56° 361	-5	M	...	...	1° 750	-56° 294	-4	...	...	...	28° 034	+57° 139	-5	m	...
...	37° 328	-18° 103	-3	...	...	...	1° 554	-10° 493	-4	...	...	...	28° 855	-30° 872	-1	...	...
...	36° 563	-23° 491	-4	...	...	...	0° 519	-49° 980	1° 00	51. 503	9.4	...	29° 122	+59° 121	-1	...	...
...	36° 447	-48° 446	-5	p	...	S *	0° 412	+31° 360	1° 20	50. 550	8.8	...	29° 152	+1° 254	-1	...	...
5I	-35° 342	-26° 423	-4	...	...	III	-0° 363	-32° 020	-2	...	...	17I	+29° 627	-51° 698	1° 10	51. 514	9.2
...	35° 029	+34° 755	0° 70	50. 540	9.9	...	+0° 753	-44° 302	0° 70	51. 504	9.9	...	29° 895	+21° 657	0° 75	50. 559	9.9
...	34° 842	-6° 087	0° 90	51. 495	9.8	*	1° 175	+16° 361	1° 00	50. 551	9.7	...	30° 202	+1° 016	-3	...	...
...	34° 794	-58° 322	-1	...	...	...	1° 589	-40° 630	-4	...	...	...	30° 631	-20° 610	0° 80	51. 515	9.7
...	34° 541	-32° 763	-4	...	...	...	2° 062	-22° 878	-3	...	...	...	30° 753	+34° 290	-5	m	...
...	-34° 362	-43° 256	-4	...	...	*	+3° 698	-25° 269	1° 10	51. 505	9.3	...	+31° 086	+44° 620	-5	m	...
...	33° 667	+10° 707	-4	M	...	...	3° 805	-46° 233	-4	p	...	...	31° 152	+36° 516	-2	...	...
...	31° 236	+50° 599	-4	M	...	...	4° 241	-58° 900	-5	p	...	*	31° 322	-3° 828	0° 90	51. 516	9.8
S *	31° 097	-38° 857	1° 80	51. 496	8.0	...	4° 991	+12° 354	-2	...	...	...	32° 225	+46° 388	-3	b	...
...	30° 893	-43° 959	-4	...	...	...	5° 261	-38° 346	-3	...	...	...	32° 937	+6° 808	0° 90	50. 561	9.9
6I	-30° 602	+46° 151	0° 80	50. 541	9.9	12I	+5° 287	+35° 595	-4	m	...	18I	+33° 622	+14° 120	-5	m	...
...	30° 558	+10° 864	-4	M	...	...	7° 425	+53° 675	-5	m	...	...	35° 292	-36° 701	-3	...	...
...	30° 178	+49° 421	-3	B	...	...	7° 659	+51° 346	-4	b	...	*	36° 563	-25° 885	0° 90	51. 517	9.7
...	28° 757	+0° 149	0° 70	51. 497	9.9	...	7° 690	+43° 282	-4	m	...	...	36° 573	+32° 447	-3	...	...
...	27° 549	-38° 184	-1	...	...	*	8° 525	-46° 646	1° 10	51. 506	9.4	...	37° 560	-16° 319	0° 65	...	...
...	-27° 443	+45° 815	-3	D	...	...	+8° 839	-35° 859	-3	...	...	...	+39° 506	+16° 615	-1	...	...
...	25° 995	+52° 469	-5	M	...	...	8° 905	-45° 450	-4	p	...	...	39° 858	+16° 524	-4	m	...
...	25° 566	+26° 292	-5	M	...	*	8° 925	+47° 264	1° 25	50. 552	8.8	...	40° 149	-44° 949	-4	...	...
...	25° 251	-23° 998	-4	...	...	...	9° 016	-12° 155	-4	...	...	...	40° 184	-51° 285	-4	...	...
...	24° 184	+24° 462	-2	...	...	...	9° 295	-6° 248	-3	...	...	...	40° 432	+22° 699	-1	...	...
7I	-24° 138	+24° 387	-4	M	...	13I	+10° 209	-50° 692	1° 10	51. 507	9.2	19I	+40° 507	-52° 586	-4	...	...
...	23° 280	+52° 896	-4	M	...	*	10° 281	+43° 906	-2	...	...	*	41° 338	-26° 372	0° 95	51. 518	9.6
...	23° 239	-38° 573	-2	...	...	...	10° 428	-9° 767	-4	...	...	...	41° 449	+10° 263	-5	m	...
...	22° 282	+6° 282	1° 00	50. 542	9.6	...	10° 818	-30° 190	0° 65	51. 508	9.9	...	41° 896	-13° 578	-5	p	...
...	22° 262	+51° 882	-4	M	...	...	12° 049	-51° 155	0° 95	51. 509	9.7	...	42° 451	+23° 565	0° 70	...	...
*	-21° 823	+10° 024	0° 95	50. 543	9.7	...	+12° 063	-41° 490	-1	...	...	...	+42° 510	+41° 526	-4	m	...
...	21° 485	+0° 289	-4	M	...	*	12° 184	-34° 807	1° 00	51. 510	9.4	...	43° 146	-34° 030	-2	...	...
...	20° 644	-42° 823	-2	...	...	...	12° 319	-30° 955	0° 75	51. 511	9.8	*	43° 568	+18° 925	0° 95	50. 562	9.6
...	19° 257	+13° 637	-4	M	...	...	12° 712	-47° 171	-5	p	...	...	43° 675	+39° 529	-4	m	...
...	18° 600	+55° 066	-2	A	...	...	13° 032	+9° 648	0° 85	50. 553	9.8	S *	43° 926	+36° 543	1° 00	50. 563	9.3
8I	-14° 993	+22° 594	-4	...	...	14I	+14° 761	-30° 509	0° 65	51. 512	9.9	20I	+44° 089	-38° 280	-1	...	...
...	14° 781	-32° 927	1° 20	51. 498	9.3	†	15° 455	+22° 731	1° 00	50. 555	9.6	...	45° 708	+41° 531	0° 95	50. 564	9.9
...	14° 517	-21° 323	0° 90	51. 499	9.7	*	16° 395	-51° 390	-4	p	...	...	46° 105	+9° 374	-4	m	...
...	14° 501	+39° 315	-5	M	...	...	16° 667	-16° 350	1° 05	51. 513	9.4	...	46° 130	+42° 147	-5	m	...
...	14° 382	+23° 943	-4	M	...	...	17° 620	+40° 234	-4	m	...	...	46° 304	-46° 987	-5	p	...
...	-14° 349	+54° 252	0° 90	50. 544	9.8	...	+18° 466	+44° 694	0° 70	50. 556	9.9	S *	+46° 591	+9° 292	1° 10	50. 565	9.1
...	12° 558	+33° 938	-2	...	...	*	18° 723	+33° 700	0° 85	50. 557	9.7	...	46° 653	-48° 144	-4	p	...
...	10° 431	+33° 334	-4	B	...	...	20° 962	+17° 086	-3	...	...	...	47° 663	-28° 225	0° 65	...	...
...	10° 271	+37° 633	1° 10	50. 545	8.8	...	21° 188	+42° 533	-4	m	...	S *	48° 145	-51° 174	1° 90	51. 520	8.0
†	10° 258	-8° 319	-5	...	...	...	21° 671	+54° 450	-2	...	...	*	48° 787	-3° 350	0° 90	51. 519	9.6

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		...	No.
211-220						221-230											
211				°		221				°							
...	+48'933	+18'911	-4	<i>m</i>	...	...	+53'537	+48'648	0·75	...	...						
...	49'085	+48'318	-4	<i>m</i>	...	...	53'738	+37'037	-4	<i>m</i>	...						
...	50'265	-2'793	-4	...	...	*	53'929	+19'010	1·15	50. 566	8·8						
...	50'282	-27'254	-4	...	...	...	55'453	+38'775	-1	...	...						
...	51'076	-19'083	-2	...	...	...	55'715	+2'112	0·75	51. 521	9·9						
...	+51'181	-39'600	-3	...	...	...	+55'810	-22'089	-2	<i>e</i>	...						
...	51'693	+21'215	-3	...	...	...	55'947	+13'223	-4	<i>e</i>	...						
...	52'661	+44'482	-3	<i>b</i>	...	...	56'117	-32'565	-1	<i>e</i>	...						
...	52'819	+16'210	-2	...	...	...	59'063	+54'957	-4	<i>e</i>	...						
...	52'837	-59'439	-3	<i>e</i>	...	...	59'309	-26'232	-4	<i>e</i>	...						

1-40						41-80						81-120					
I						41						81					
...	-59'442	+38'692	-1	...	...	...	-40'613	+32'030	-5	<i>M</i>	...	...	-26'057	-38'374	-4	...	...
...	58'064	-59'534	-4	<i>E</i>	...	...	40'500	-1'846	-4	...	...	...	25'772	+38'494	-3	<i>B</i>	...
...	57'923	+13'185	-4	<i>E</i>	...	...	40'356	-24'237	0·70	...	...	...	25'765	+11'081	-2	...	...
...	57'677	+2'068	0·85	51. 521	9·9	<i>S</i> *	40'337	+47'894	1·10	50. 569	9·2	...	25'376	-11'466	-5	...	...
...	56'607	-22'089	-1	<i>E</i>	...	...	40'337	+4'734	-3	...	...	...	24'574	-10'998	-5	...	...
...	-56'484	+54'995	-4	<i>E</i>	...	...	-40'179	-47'430	-4	...	...	...	-23'338	+15'754	0·85	50. 572	9·9
...	55'864	-32'551	-1	<i>E</i>	...	...	39'609	-34'234	-5	...	...	...	22'205	+30'443	-4	<i>M</i>	...
...	52'929	-26'101	-4	<i>E</i>	...	...	39'461	-51'273	-3	...	...	...	22'137	-56'140	-4	...	...
...	52'320	+52'446	0·75	...	...	...	39'249	+19'763	0·85	50. 570	9·9	...	21'912	-11'491	-5	...	...
...	52'278	-18'879	-4	...	...	...	39'077	+15'010	-5	<i>M</i>	...	...	20'966	+52'405	-5	<i>M</i>	...
II						51						91					
...	-52'246	-41'182	-4	...	...	...	-38'747	+35'110	0·75	...	...	...	-20'821	-44'752	0·80	...	...
...	51'661	+47'838	-4	<i>D</i>	...	*	38'559	-6'485	1·00	51. 527	9·4	...	19'390	-52'939	-4	...	...
...	51'455	+40'087	-4	<i>M</i>	...	*	38'399	-38'993	1·20	51. 526	9·4	...	19'320	-2'915	-3	...	...
<i>S</i> *	51'264	-5'519	1·05	51. 522	9·0	†	37'938	-10'059	-5	...	...	...	19'032	-50'563	-5	...	...
†	50'057	-14'585	-3	...	...	...	37'559	+46'064	-2	...	...	...	18'700	+56'561	-5	<i>M</i>	...
†	-49'398	-29'956	-1	...	...	...	-36'809	-21'201	-5	...	...	<i>S</i> *	-18'090	+55'158	1·25	50. 573	8·4
*	48'907	-29'750	1·00	51. 523	9·7	<i>S</i> *	36'444	-51'059	1·50	51. 528	8·4	...	18'012	-33'215	-5	...	...
...	48'559	+47'193	-5	<i>M</i>	...	...	36'398	+50'091	-4	<i>M</i>	...	...	16'593	+39'723	-1	...	...
...	48'387	+24'004	-3	<i>B</i>	...	...	36'048	-19'064	-4	...	...	...	16'447	-53'121	-2	...	...
*	48'212	-59'802	1·25	52. 510	8·8	...	35'699	-5'104	-1	...	...	...	15'696	+24'009	-3	...	...
21						61						101					
...	-47'722	-40'488	-5	<i>p</i>	...	...	-35'605	-20'546	0·75	...	...	...	-14'450	+43'140	-1	...	...
...	47'681	-8'962	-4	...	...	...	35'498	-55'421	-3	...	...	...	13'725	-56'047	-4	...	...
...	47'462	-7'963	-5	<i>p</i>	...	*	34'705	-33'569	1·30	51. 529	9·2	...	13'605	-56'102	-5	...	...
...	46'250	+29'767	-4	<i>M</i>	...	...	33'417	+58'251	-3	...	...	...	13'397	-41'077	-2	...	...
...	46'020	+33'871	-2	...	...	...	33'359	+25'663	-3	<i>B</i>	...	*	12'360	-17'459	1·10	51. 530	9·1
...	-45'646	+49'162	-4	<i>M</i>	...	...	-33'242	+13'030	-3	...	...	...	-12'136	+6'685	-4	...	...
*	45'533	+23'080	0·95	50. 568	9·7	...	33'098	-47'732	-5	...	...	...	12'131	+58'224	-5	<i>M</i>	...
...	44'980	+1'710	-3	...	...	...	32'224	+44'566	-5	<i>M</i>	...	...	11'984	+11'708	-4	<i>M</i>	...
...	43'459	-58'208	-4	...	...	...	31'465	-40'728	-4	...	...	...	10'678	-24'752	-4	...	...
*	42'668	-44'632	5·00	51. 524	5·0	...	30'915	+54'672	-4	<i>M</i>	...	<i>S</i> *	10'561	+8'756	1·20	50. 574	8·8
31						71						111					
...	-42'576	+35'091	-4	<i>M</i>	...	*	-30'330	+5'692	0·90	50. 571	9·9	†	-10'520	+14'940	0·70	50. 575	9·9
...	42'364	+29'491	-4	<i>M</i>	...	...	29'584	-52'433	-5	...	...	...	9'858	+24'042	-3	...	...
...	42'336	+50'511	-3	...	...	...	29'568	+19'932	-3	...	...	*	9'296	-11'825	1·90	51. 531	8·1
...	42'122	-19'510	-4	...	...	...	29'311	-21'635	-4	...	...	...	9'285	+52'699	-3	...	...
...	42'116	+8'402	-3	<i>B</i>	...	...	29'160	-48'262	-3	...	...	...	8'970	+38'783	-1	...	...
*	-42'110	-52'743	1·10	51. 525	9·4	...	-28'440	-8'018	-3	...	...	...	-8'411	-39'885	0·70	...	...
...	41'988	-3'700	-4	...	...	...	28'157	-15'238	-1	...	...	...	8'066	+57'820	-3	...	...
...	41'965	-26'153	-3	...	...	...	27'064	-35'743	-5	...	...	...	7'569	+11'032	-4	...	...
...	41'784	-57'121	-4	...	...	...	26'839	-38'899	-4	...	...	...	7'263	+33'027	-3	...	...
...	41'337	-0'236	-1	...	...	...	26'111	+28'371	-4	...	...	...	7'246	+18'449	-4	...	...

T measured from 1, 92, 166.
MC " " 47, 128, 211.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.	
121-180						181-240						241-254						
121	...	...	...	...	...	181	...	...	...	...	...	241	...	...	...	...	...	
...	-6.981	-13.956	-5	...	...	...	+28.024	+20.550	-5	<i>m</i>	...	...	+53.327	+33.307	-3	<i>b</i>	...	
...	6.736	+34.307	-3	...	...	†	29.826	+6.169	1.05	50. 585	9.4	...	...	53.617	-7.921	-3	<i>e</i>	...
...	6.542	+0.664	-5	...	...	...	30.332	-52.031	-5	...	...	...	...	54.366	-10.296	-3	<i>e</i>	...
...	6.006	+22.110	0.95	50. 576	9.9	...	30.374	+10.586	-5	<i>m</i>	...	Se *	...	54.997	-18.286	1.30	51. 544	8.8
*	5.888	-7.024	1.05	51. 532	9.4	...	30.667	-20.051	-2	...	...	...	...	55.089	+47.297	-4	<i>m</i>	...
...	-5.717	+43.463	0.75	...	...	...	+30.992	+9.687	0.80	...	...	*	...	+55.660	-31.610	0.95	<i>e</i>	...
†	5.112	-41.315	-1	...	...	...	31.293	+43.133	-1	...	...	...	...	55.692	-36.656	-2	<i>e</i>	...
...	4.528	-54.203	0.95	...	...	...	31.426	-5.592	-1	...	...	...	...	55.817	+13.590	-3	<i>e</i>	...
...	4.444	+33.387	-3	B	...	...	31.891	+57.076	0.75	...	...	e *	...	55.885	-16.543	1.10	51. 545	9.4
...	2.471	-56.536	-5	...	...	...	31.939	+39.646	0.70	...	...	...	...	56.488	-11.681	-2	<i>e</i>	...
131	...	...	...	...	...	191	...	...	...	...	...	251	...	...	...	...	...	
...	-1.035	-48.780	-3	...	...	...	+32.131	-50.365	-5	...	...	...	...	+56.997	+30.216	-1	...	...
...	-1.018	+54.121	-2	...	...	...	32.660	-48.797	-3	...	...	...	...	57.290	+1.861	-2	...	...
...	+0.839	-34.699	-4	...	...	...	32.700	+43.884	-5	<i>m</i>	...	S *	...	57.441	+49.818	1.20	50. 591	8.8
...	1.171	-24.048	-4	...	...	...	33.978	-22.453	-4	...	...	...	...	57.527	-49.236	-5	...	...
...	1.416	+48.090	-5	<i>m</i>	...	...	34.361	+54.141	-5	<i>m</i>	...	...	...	...	...	...	...	...
...	+2.852	+52.851	-3	...	...	...	+34.969	+18.759	-4	...	...	...	...	...	...	...	...	...
S *	2.902	-16.858	2.30	51. 533	7.6	...	35.243	+43.052	-3	...	...	...	...	...	...	...	...	...
...	3.072	+33.571	-1	...	...	...	35.525	+7.898	-1	...	...	...	...	...	...	...	...	...
...	3.329	+51.615	-1	...	...	...	36.122	+39.834	-3	...	...	...	...	...	...	...	...	...
...	3.483	-59.210	-4	...	...	...	36.219	-9.392	-4	...	...	...	...	...	...	...	...	...
141	...	...	...	...	...	201	...	...	...	...	...	...	...	...	...	...	...	...
*	+4.286	+36.273	1.00	50. 577	9.8	...	+36.295	-3.137	-1	...	...	...	...	...	...	...	...	...
...	6.249	-32.347	0.75	...	...	...	36.474	+11.592	-4	...	...	...	...	...	...	...	...	...
...	6.467	+27.750	0.75	...	...	*	36.640	+57.187	1.15	50. 586	9.6	...	...	...	...	...	...	...
...	6.715	-39.644	-3	...	...	...	37.123	+48.335	-1	...	...	...	...	...	...	...	...	...
*	8.175	+28.073	1.00	50. 578	9.6	...	37.715	-13.948	-1	...	...	...	...	...	...	...	...	...
...	+9.084	+0.860	-1	...	...	...	+37.854	-13.853	-2	...	...	...	...	...	...	...	...	...
...	10.097	+29.782	-3	...	...	...	38.103	-31.099	-4	...	...	...	...	...	...	...	...	...
S *	10.826	+45.628	1.20	50. 579	8.6	...	38.388	+19.345	-1	...	...	...	...	...	...	...	...	...
...	11.320	+31.218	-3	...	...	...	38.540	+35.905	-4	<i>m</i>	...	...	...	...	...	...	...	...
...	11.748	-26.875	-4	...	...	...	38.542	+17.816	-4	<i>m</i>	...	...	...	...	...	...	...	...
151	...	...	...	...	...	211	...	...	...	...	...	...	...	...	...	...	...	...
...	+11.930	-51.122	-3	...	...	...	+39.923	+26.653	-4	<i>m</i>	...	...	...	...	...	...	...	...
...	12.099	-38.182	-4	...	...	S *	39.967	+8.953	2.10	50. 587	8.0	...	...	...	...	...	...	...
*	13.233	+39.023	1.00	50. 580	9.7	...	40.913	-3.919	-3	...	...	...	...	...	...	...	...	...
*	13.398	-43.633	1.20	51. 534	9.1	...	41.362	-40.204	-3	...	...	...	...	...	...	...	...	...
...	14.209	-57.761	-4	...	...	*	41.868	-8.342	2.00	51. 538	8.0	...	...	...	...	...	...	...
*	+14.524	+11.510	1.00	50. 581	9.8	*	+42.273	+46.283	1.00	50. 588	9.8	...	...	...	...	...	...	...
*	14.578	-54.913	0.95	51. 535	9.9	*	42.903	-19.707	1.00	51. 539	9.6	...	...	...	...	...	...	...
...	14.670	+25.048	-3	...	...	*	43.023	-52.109	1.00	...	...	...	...	...	...	...	...	...
...	14.779	-31.710	0.70	...	...	...	43.063	-26.742	0.85	...	...	...	...	...	...	...	...	...
†	15.598	-54.812	-2	...	...	...	43.093	+8.167	-2	...	...	...	...	...	...	...	...	...
161	...	...	...	...	...	221	...	...	...	...	...	...	...	...	...	...	...	...
...	+15.668	+3.371	-2	...	...	*	+43.587	-42.206	1.10	51. 540	9.6	...	...	...	...	...	...	...
*	16.323	+52.120	1.00	50. 582	9.7	...	44.573	-25.926	-3	...	...	...	...	...	...	...	...	...
...	16.529	+6.488	-3	...	...	...	45.208	+57.418	-4	<i>m</i>	...	...	...	...	...	...	...	...
...	17.418	+53.379	-5	<i>m</i>	...	...	45.301	+8.504	-3	<i>b</i>	...	...	...	...	...	...	...	...
...	17.938	-9.259	-3	...	...	...	45.335	-15.072	0.90	...	...	...	...	...	...	...	...	...
†	+19.823	-0.967	1.00	51. 536	9.6	...	+45.951	-46.566	-1	...	...	...	...	...	...	...	...	...
...	20.423	-29.299	-1	...	...	*	46.130	-44.557	1.20	51. 541	9.4	...	...	...	...	...	...	...
...	20.983	+21.093	-1	...	...	...	47.738	-22.527	-4	...	...	...	...	...	...	...	...	...
*	22.133	-58.873	0.95	52. 519	9.9	*	49.071	+32.462	1.40	50. 589	8.6	...	...	...	...	...	...	...
*	23.272	+18.055	1.05	50. 583	9.3	S *	49.652	-55.067	1.30	51. 542	9.0	...	...	...	...	...	...	...
171	...	...	...	...	...	231	...	...	...	...	...	...	...	...	...	...	...	...
...	+23.304	-49.703	-5	...	...	...	+50.279	+13.115	-3	...	...	...	...	...	...	...	...	...
...	23.961	-25.007	-3	...	...	...	51.070	+16.436	-4	<i>m</i>	...	...	...	...	...	...	...	...
†	24.415	+49.868	-3	...	...	...	51.115	-5.610	-3	...	...	...	...	...	...	...	...	...
†	24.666	+26.863	0.90	50. 584	9.8	...	51.888	+12.983	-4	<i>m</i>	...	...	...	...	...	...	...	...
...	25.067	-21.786	-1	...	...	...	52.016	-6.280	-3	...	...	...	...	...	...	...	...	...
...	+25.651	-16.364	-2	...	...	...	+52.364	-34.824	-2	<i>e</i>	...	...	...	...	...	...	...	...
...	25.894	+54.439	-4	...	...	...	52.519	+59.150	0.95	50. 590	9.9	...	...	...	...	...	...	...
...	26.366	+45.810	0.70	...	...	e *	52.656	-25.291	1.10	51. 543	9.8	...	...	...	...	...	...	...
*	26.413	-15.577	1.20	51. 537	8.8	...	52.691	+16.009	-5	<i>m</i>	...	...	...	...	...	...	...	...
...	27.078	+33.832	-4	<i>b</i>	...	...	53.235	+58.236	-2	...	...	...	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
1-60						61-120						121-178					
I						6I						I2I					
E *	-59.615	-25.430	I.00	5I. 543	9.8	...	-21.427	-42.659	-4	...	...	...	+24.388	-33.515	-4	...	...
...	59.522	-34.971	-2	E	...	...	18.897	+58.358	-4	...	...	...	25.147	-36.152	-3	...	...
...	59.360	-8.027	-4	E	...	...	16.952	-16.426	-2	5I. 553	9.8	...	26.478	+39.326	-3	...	...
...	58.506	-10.375	-4	E	...	...	15.438	-2.006	-2	...	...	*	27.655	-11.105	I.40	5I. 564	8.8
...	58.046	+13.548	-4	E	...	...	14.841	+4.963	-2	50. 600	9.9	...	27.701	+51.057	-3	...	...
S †	-57.891	+49.805	I.10	50. 591	8.8	...	-11.561	-9.638	-3	...	...	...	+28.111	+10.669	-4	...	...
SE*	57.554	-18.335	I.15	5I. 544	8.8	*	10.967	+7.220	I.40	50. 601	9.0	...	28.415	+20.644	0.75	50. 611	9.9
...	57.532	+30.200	-2	...	...	...	10.747	+48.435	-3	...	...	...	29.795	-31.667	-5	...	...
...	57.286	+11.655	-3	E	...	...	8.405	-7.883	-5	p	...	...	30.068	-3.459	-4	...	...
E *	56.744	-16.556	I.10	5I. 545	9.4	...	8.392	+40.600	-4	...	...	...	30.359	-55.150	-3	...	...
II						7I						I3I					
...	-56.357	-31.620	0.80	E	...	...	-8.334	+39.062	-4	...	...	...	+30.584	-37.568	-4	...	...
...	56.115	-36.672	-3	E	...	...	6.510	-27.021	-3	...	...	*	30.827	+36.756	I.00	50. 612	9.6
...	56.095	+1.892	-4	...	...	...	6.365	+53.664	-5	M	...	*	31.791	+31.137	I.10	50. 613	9.3
...	52.321	+18.074	I.00	50. 592	9.9	...	6.112	+39.464	I.00	50. 602	9.7	...	33.555	-26.805	-3	...	...
...	51.647	-37.777	-3	...	...	S *	5.607	+50.393	2.00	50. 603	8.2	...	33.928	+48.264	-4	...	...
...	-51.107	-11.787	-3	...	...	*	-5.496	+45.210	0.95	50. 604	9.6	...	+34.911	-3.630	-3	...	...
...	49.430	+24.666	0.95	50. 593	9.8	...	4.551	+20.349	-4	...	...	...	35.782	+57.131	-3	...	...
...	48.658	-46.259	-5	p	...	am	2.567	+0.185	-1	5I. 554	9.4	*	36.412	+32.491	I.00	50. 614	9.6
...	48.388	+20.241	-3	...	...	*	1.912	-38.453	I.20	5I. 555	9.4	...	36.612	-59.770	-5	...	...
...	48.375	+57.426	0.95	50. 594	9.7	...	1.383	+4.801	-1	50. 605	9.6	...	37.022	+43.801	-5	...	...
2I						8I						I4I					
...	-48.164	+1.203	-4	...	...	...	-1.007	+50.762	-5	M	...	...	+37.843	-21.258	0.90	...	...
...	46.886	+26.382	-2	...	...	...	0.904	+34.461	-5	...	...	...	38.821	-58.097	0.90	52. 538	9.7
*	46.416	-31.408	I.80	5I. 546	8.3	...	-0.460	+59.185	-3	...	...	n	39.212	+38.750	0.85	50. 615	9.1
...	46.354	+48.051	-4	B	...	...	+0.020	+49.975	0.70	...	...	...	39.298	+15.623	-2	...	...
...	46.167	-55.370	-4	...	...	...	0.268	+50.646	-4	...	...	n *	39.316	+38.732	I.00	50. 615	9.1
...	-45.457	+29.311	0.90	50. 595	9.9	...	+0.328	-37.323	-1	...	...	†	+39.634	-15.476	0.90	5I. 565	9.8
...	44.024	+7.444	-2	...	...	...	0.384	-5.402	-4	...	...	...	39.716	+8.931	0.95	50. 616	9.7
...	42.052	-36.544	0.95	...	...	S *	0.605	+19.135	I.15	50. 606	8.8	...	40.950	+43.371	-4	...	...
...	41.922	-39.034	-5	p	...	S *	1.861	-57.882	I.05	52. 528	9.1	...	42.083	+26.084	-4	...	...
...	41.653	+12.944	-5	M	...	...	2.083	+51.424	-4	...	...	...	42.457	+28.204	-4	...	...
3I						9I						I5I					
...	-39.040	+0.026	-4	...	...	...	+2.728	+50.120	0.80	...	...	...	+42.487	-57.547	-3	...	...
...	38.780	-48.900	0.70	...	...	*	2.729	-58.347	I.05	52. 529	9.6	...	42.847	+46.047	-5	...	...
...	38.453	-30.515	0.75	...	...	...	3.159	+52.428	-5	...	...	...	43.119	+35.141	-1	...	...
...	38.263	-20.751	-3	...	...	...	3.894	-39.071	-3	...	...	...	44.213	+59.563	-4	...	...
...	37.410	+55.192	0.95	50. 596	9.7	...	4.041	+12.601	I.00	50. 607	9.4	...	44.508	-29.782	0.75	...	...
...	-35.586	+48.662	-5	M	...	*	+4.170	-1.509	I.20	5I. 556	8.8	...	+45.211	+45.156	-5	...	...
...	33.064	+53.147	-4	B	...	...	5.629	+52.322	0.75	...	...	...	46.419	+22.725	-1	...	...
*	33.055	-55.793	I.10	5I. 547	9.6	...	5.737	-18.427	-4	...	...	...	46.738	+33.955	0.65	...	...
...	32.868	-13.661	-4	...	...	...	5.816	-13.933	I.00	5I. 557	9.4	...	47.437	+16.893	-4	...	...
...	32.332	-13.561	0.70	...	...	*	6.911	+47.604	I.00	50. 608	9.7	...	47.517	-35.606	-2	...	...
4I						10I						I6I					
...	-32.079	-39.387	-5	p	...	...	+8.286	-43.695	-3	...	...	†	+47.694	-59.831	-2	...	...
*	32.028	-24.155	I.15	5I. 548	9.0	...	9.293	-43.040	-3	...	...	...	48.519	-23.392	0.75	5I. 566	9.9
S *	31.992	-21.556	I.20	5I. 549	8.8	S	11.074	-13.538	I.00	5I. 558	9.3	...	51.291	+52.659	I.00	50. 618	9.7
...	30.727	-33.967	-4	...	...	*	11.340	-39.754	I.05	5I. 559	9.4	...	51.769	-40.138	-3	e	...
†	30.516	+14.844	-4	...	...	...	11.815	-1.541	-3	5I. 560	9.9	...	51.915	-19.475	0.95	5I. 567	9.8
...	-30.317	-43.832	-5	...	...	...	+12.358	+16.914	-3	...	...	*	+51.925	+58.850	I.40	50. 619	9.0
...	30.263	-44.046	-2	...	...	...	16.077	-14.354	-4	...	...	...	52.183	-36.720	-3	e	...
...	30.042	-48.387	0.70	...	...	...	17.501	-56.707	-5	...	...	...	53.037	-38.086	-1	e	...
...	29.790	-59.307	-5	...	...	*	19.991	-53.495	I.00	5I. 561	9.6	e	54.162	-22.751	0.95	5I. 568	9.8
...	29.480	+30.183	-3	...	...	...	20.265	-38.743	-5	p	...	...	54.366	-20.759	-3	e	...
5I						11I						I7I					
...	-29.385	+43.970	-3	...	...	...	+20.338	-37.692	0.95	5I. 562	9.7	...	+55.128	+28.792	-3	...	...
...	27.983	+57.134	-3	A	...	...	21.437	-0.410	0.90	5I. 563	9.8	...	55.956	-11.681	-4	e	...
*	27.228	+15.421	I.05	50. 597	9.2	*	21.655	+9.798	I.00	50. 609	9.2	*	57.552	-46.856	0.95	e	...
...	26.401	-35.571	0.85	5I. 550	9.9	...	22.164	-44.995	-4	...	...	e	57.736	-55.431	I.00	5I. 569	9.9
S *	25.816	+10.767	I.15	50. 598	9.0	...	22.517	-38.477	-4	...	...	e*	57.997	-49.045	0.95	5I. 570	9.9
...	-24.029	-26.996	-1	5I. 551	9.8	...	+22.523	-14.283	-4	...	...	...	+58.219	-55.265	0.75	e	...
...	23.449	+7.586	-5	...	...	...	22.754	-53.112	-1	...	...	...	58.778	-11.684	-2	e	...
*	22.435	+46.533	I.05	50. 599	9.3	...	23.742	+29.941	-5	...	...	...	59.509	-39.425	I.30	5I. 571	8.8
...	22.061	-32.356	-5	...	...	S *	23.758	+19.643	I.00	50. 610	9.1	Se †					
*	21.824	-8.414	I.15	5I. 552	9.0	...	23.766	-51.866	-3	...	...	...					

MC measured from 1, 62, 107.
T " " 31, 84, 146.

143, 145. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
1-60						61-120						121-180					
I	...	...	...	E	...	6I	...	...	...	...	...	12I	...	...	...	...	...
...	-59°889	-40°324	-3	E	...	...	-21°008	-36°735	-5	...	...	...	+11°131	+39°495	-2	...	...
...	59°616	-36°873	-3	E	...	...	20°015	-8°839	-4	...	...	...	13°012	-0°561	-1	51. 588	9.8
...	59°353	+28°717	-2	...	...	...	19°389	-57°682	0.95	52. 559	9.8	...	13°249	-23°679	-5	...	...
...	58°721	-38°203	-2	E	...	...	17°557	+2°676	-3	...	...	...	13°396	+2°110	-2	...	...
E	58°215	-22°842	0.90	51. 568	9.8	S †	17°021	+19°792	5.20	50. 626	6.8	S *	13°513	+11°942	1.25	50. 638	8.6
...	-58°084	-20°838	-2	E	...	...	-16°927	+42°409	-4	...	...	...	+15°189	-23°244	-4	...	...
...	56°860	-11°696	-4	E	...	*	14°319	+35°547	1.20	50. 627	8.4	†	16°228	+34°961	-4	...	...
...	56°646	+2°622	-4	...	...	...	13°290	+12°736	0.75	...	...	...	16°373	+39°241	-5	m	...
...	54°054	-11°579	0.70	E	...	...	12°372	+2°603	-4	...	...	*	16°863	+21°117	1.00	50. 639	9.4
...	53°843	-46°793	0.75	E	...	...	12°180	-34°301	0.70	...	...	...	17°190	+43°250	-4	b	...
II	...	...	...	...	...	7I	...	...	...	...	...	13I	...	...	...	...	...
E	-53°316	-48°951	0.95	51. 570	9.9	...	-11°817	-59°722	-4	...	...	*	+17°570	-14°172	1.40	51. 589	8.8
E	53°311	-55°345	0.95	51. 569	9.9	...	10°922	-21°869	-4	...	...	...	18°082	+5°164	-4	c	...
...	52°831	-55°159	0.70	E	...	...	10°863	+28°582	-4	...	...	...	18°637	+28°833	0.85	...	...
...	52°645	-2°009	0.65	...	...	...	10°816	-32°760	-5	...	...	...	19°246	+46°067	-4	d	...
S *	52°410	+19°060	1.30	50. 620	8.5	...	10°617	-39°657	-4	...	...	...	19°676	-58°614	0.85	52. 572	9.9
...	-52°377	+6°684	-5	...	...	†	-10°356	+54°771	1.30	50. 628	8.6	...	+20°095	-13°457	-2	...	...
SE *	52°176	-39°277	1.30	51. 571	8.8	...	9°600	+36°095	-3	...	...	...	20°163	+57°609	-1	...	...
†	50°064	-52°572	3.05	51. 572	7.8	S *	9°471	+55°580	1.20	50. 629	8.6	*	20°634	+25°553	1.70	50. 640	8.2
...	48°139	-46°051	-5	...	...	*	8°300	+38°338	0.95	50. 630	9.6	...	21°445	+50°948	-4	...	...
...	47°290	-2°250	-4	...	...	...	8°234	-43°652	-5	...	...	...	22°480	+0°294	-5	m	...
2I	...	...	...	...	...	8I	...	...	...	...	...	14I	...	...	...	...	...
...	-46°946	-57°507	-4	...	...	...	-7°864	-59°206	0.85	52. 565	9.9	...	+22°783	-14°306	-4	...	...
...	46°002	+24°656	-3	...	...	...	7°843	-19°270	0.80	51. 580	9.7	...	22°977	-50°035	-4	...	...
...	45°976	-7°987	-4	...	...	...	7°416	+2°017	-3	...	...	...	23°554	-52°103	-5	...	...
*	44°658	-51°556	1.15	51. 573	9.0	...	5°780	+50°562	-4	...	...	...	23°803	-52°804	-2	...	...
...	44°490	+3°899	-2	...	...	*	5°448	+44°676	1.05	50. 631	9.6	...	23°877	+14°789	-4	...	...
*	-43°442	-19°094	1.00	51. 574	9.4	...	-5°058	-57°247	-4	...	...	†	+24°725	-0°640	-1	51. 590	10.4
S *	42°984	-11°372	0.95	51. 575	9.6	...	5°056	+54°356	-3	...	...	...	25°032	+10°304	-2	...	...
...	42°007	-23°761	-4	...	...	...	4°950	+30°401	-1	...	...	...	26°028	-21°052	-4	...	...
...	42°007	-45°721	-1	...	...	*	4°203	-16°131	1.20	51. 581	8.8	...	26°206	+48°697	-4	d	...
...	41°941	+30°878	-4	...	...	...	4°184	+12°505	-3	...	...	...	26°569	+16°880	-3	...	...
3I	...	...	...	...	...	9I	...	...	...	...	...	15I	...	...	...	...	...
...	-41°650	-19°475	-4	...	...	...	-3°851	-24°249	-4	...	...	...	+26°979	-26°440	-5	...	...
...	41°621	-31°370	0.70	...	...	...	3°772	-59°718	-3	...	...	...	27°409	+30°718	-4	d	...
*	40°715	+55°059	1.05	50. 621	9.4	...	3°720	+39°862	-4	...	...	*	27°745	+57°686	1.15	50. 642	9.0
...	39°678	-38°748	-4	...	...	...	3°643	+53°988	-4	...	...	...	28°742	-34°500	-4	...	...
*	38°871	-43°970	1.20	51. 576	9.4	...	3°167	+29°329	-2	...	...	...	29°339	+19°123	0.80	50. 643	9.9
*	-38°246	+27°430	0.90	50. 622	9.9	...	-3°148	+15°860	0.70	50. 632	9.9	...	+30°272	-46°833	-5	p	...
...	38°101	-35°456	-5	...	...	...	3°081	+1°961	-5	m	...	...	30°361	-15°538	-3	...	...
...	35°712	-13°385	-4	...	...	...	2°792	-39°561	0.75	...	...	...	30°690	+33°269	-4	...	...
...	35°064	-22°199	-2	...	...	...	2°737	-7°750	-5	p	...	...	30°724	-47°156	-4	...	...
...	33°275	+13°410	-4	...	...	...	0°462	-57°062	0.85	52. 568	9.9	...	30°878	-28°685	-4	...	...
4I	...	...	...	...	...	10I	...	...	...	...	...	16I	...	...	...	...	...
...	-30°863	-59°332	-4	...	...	...	-0°328	+3°404	0.95	50. 633	9.4	*	+31°700	-16°315	1.25	51. 591	8.8
...	30°558	+45°305	-3	...	...	*	+0°482	+17°285	1.20	50. 634	9.0	*	32°095	+13°278	1.05	50. 644	9.4
*	29°479	-37°957	1.20	51. 577	9.2	*	0°766	+14°905	1.00	50. 635	9.0	...	32°258	-6°021	-5	...	...
...	29°368	+15°836	-5	...	...	*	1°046	-46°569	1.40	51. 583	8.6	...	32°442	+48°994	-4	d	...
...	29°349	-29°693	1.00	51. 578	9.7	...	1°071	-32°226	-1	51. 582	9.9	...	32°652	-17°950	-5	...	...
...	-29°081	-27°413	0.85	...	...	...	+2°005	-28°507	-5	...	...	...	+32°851	+7°859	-5	m	...
...	28°230	+12°459	0.85	50. 623	9.9	*	2°590	-40°246	0.90	51. 584	8.6	...	33°632	-44°084	-5	...	...
S *	27°438	-55°100	1.00	51. 579	9.4	*	2°644	-40°065	1.30	...	...	...	33°774	-20°035	-3	...	...
...	27°425	-38°163	-3	...	...	†	2°681	+25°009	-3	...	...	...	33°991	+3°015	-5	m	...
...	25°767	+1°088	-2	...	...	S *	2°943	-27°500	2.15	51. 585	7.9	...	34°999	-27°007	-3	...	...
5I	...	...	...	...	...	III	...	...	...	...	...	17I	...	...	...	...	...
...	-24°972	-2°996	-5	...	...	...	+3°731	+47°917	-4	...	...	...	+35°120	+51°436	-1	...	...
...	24°686	+24°015	-4	...	...	...	3°748	-47°427	-3	...	...	...	35°325	-36°278	-3	...	...
*	24°566	+17°419	1.80	50. 624	8.2	...	5°378	+41°309	-5	m	...	*	35°497	+48°002	1.15	50. 645	8.8
...	23°898	+35°140	-4	...	...	*	5°660	-28°885	1.20	51. 586	9.0	...	35°675	+41°699	-5	m	...
†	23°328	+15°006	0.65	50. 625	9.7	*	5°698	-41°603	1.10	51. 587	9.4	...	35°919	+38°311	-4	d	...
...	-22°778	+23°400	-1	...	...	...	+7°641	-55°917	-3	...	...	...	+36°258	+15°724	0.70	50. 646	10.4
...	22°750	-8°448	-5	...	...	...	8°853	+34°434	-5	m	...	...	37°597	-46°442	-4	...	...
...	22°469	-44°998	-3	...	...	...	10°394	-8°671	-4	...	...	S *	37°950	+30°111	1.05	50. 648	9.0
...	21°471	-25°476	-4	...	...	...	10°428	-52°759	0.80	...	...	*	38°947	+0°346	1.10	51. 592	9.4
...	21°176	+30°298	-4	...	...	S *	10°730	+45°246	2.40	50. 637	7.6	...	39°023	-29°290	0.75	51. 593	10.2

T measured from 1, 62, 136.

MC " " 34, 102, 182.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
181-200						201-220						221-226					
18I						20I						22I					
...	+39.306	+ 6.010	- 5	<i>m</i>	...	*	+45.785	+54.590	1.30	50. 653	9.4	...	+54.575	- 0.727	- 3	<i>e</i>	...
+	39.724	-27.259	1.20	51. 594	9.4	...	46.849	-37.293	- 5	...	...	Se *	55.492	-14.048	2.10	51. 598	8.3
*	40.100	+56.217	2.40	50. 649	8.0	...	47.680	- 9.981	- 3	...	...	...	57.705	+50.596	- 1	50. 656	10.4
...	40.236	- 2.640	- 2	...	...	...	48.012	-56.077	- 4	...	...	...	58.428	+ 8.541	- 4	<i>e</i>	...
...	40.861	-30.498	- 5	...	...	...	48.719	+39.375	- 5	<i>m</i>	...	...	59.092	-18.757	- 5	...	...
...	+41.382	+14.040	- 3	<i>b</i>	...	...	+49.303	+59.757	- 2	50. 654	10.4	...	+59.152	-53.080	- 4	<i>e</i>	...
...	41.401	-24.322	- 5	...	...	...	49.315	-39.958	- 3	...	...	...					
...	41.788	+39.394	0.90	50. 650	10.0	...	49.356	+22.818	- 4	<i>d</i>	...	...					
...	42.382	+52.405	- 5	<i>m</i>	...	...	49.754	+56.860	- 4	<i>b</i>	...	...					
...	42.464	-46.492	- 5	...	...	*	49.983	+ 5.730	1.00	50. 655	10.0	...					
19I						21I											
...	+42.557	+15.834	- 3	<i>a</i>	...	...	+50.981	+27.560	- 3	<i>d</i>	...	...					
...	42.925	+28.123	- 5	<i>m</i>	...	Se *	51.439	-53.320	1.90	51. 596	8.2	...					
...	43.191	-34.570	- 1	...	...	...	51.549	-51.856	- 3	<i>e</i>	...	...					
...	43.273	+47.284	- 3	<i>b</i>	...	...	52.241	+19.052	- 4	<i>d</i>	...	...					
...	43.298	+56.028	- 5	<i>m</i>	...	*	52.399	- 0.731	1.20	51. 595	9.4	...					
*	+43.556	+55.445	1.20	50. 651	9.4	...	+52.399	-42.613	0.85	<i>e</i>	...	...					
...	44.076	-12.586	- 4	...	...	N *	52.917	+ 9.875	1.10	...	...	...					
*	44.150	+59.561	1.30	50. 652	9.0	<i>e</i> *	52.930	-52.048	1.20	51. 597	9.4	...					
...	45.067	-28.729	- 5	...	...	...	54.370	+51.627	- 4	<i>d</i>	...	...					
...	45.467	-11.745	- 5	...	...	†	54.557	+33.653	- 5	<i>m</i>	...	...					

217. Var. L = 10.0 - 11.5.

1-30						31-60						61-90							
I						3I						6I							
E *	-59.701	-53.497	2.10	51. 596	8.2	*	-40.655	+33.697	1.20	50. 663	9.5	S *	-17.966	-15.582	1.60	51. 606	8.8		
...	59.649	-52.035	-4	E	...	...	39.744	+46.669	0.85	50. 664	10.2	...	17.046	-16.182	-1	51. 607	10.0		
...	50.188	-42.760	-2	E	...	...	37.913	-32.098	-4	...	...	...	16.354	-27.758	-4	...	...		
...	58.711	-0.821	-3	E	...	...	37.478	+48.181	-4	B	...	...	16.017	-9.962	-5	...	...		
E *	58.277	-52.152	1.20	51. 597	9.4	*	37.161	-30.158	1.00	51. 602	9.6	...	15.768	-38.375	-3	...	...		
...	-57.667	+50.593	-1	50. 656	10.4	...	-36.069	+13.776	-1	50. 665	10.4	...	†	-15.088	-6.052	-4	...	...	
SE*	57.241	-14.074	2.20	51. 598	8.3	...	35.867	+16.706	0.70	50. 666	10.2	...	*	13.884	+31.538	1.00	50. 669	9.6	
...	55.251	+8.589	-4	E	...	...	35.253	+5.806	-3	...	...	...	...	13.682	-54.194	-2	...	...	
...	54.710	+43.741	0.90	50. 657	10.2	*	34.692	+1.857	1.10	51. 603	9.4	...	*	13.660	+53.797	1.50	50. 670	8.7	
...	52.779	+22.459	-2	...	...	...	33.121	+41.866	-3	A	...	...	...	12.212	+34.148	0.90	50. 671	10.0	
II						4I						7I							
...	-52.016	-52.935	-5	E	...	...	-32.826	-17.196	-4	...	...	...	...	-9.745	+45.364	1.00	50. 672	10.0	
...	51.580	+12.302	-4	B	...	...	32.613	+31.667	-4	B	...	...	...	8.481	-9.880	-3	51. 608	10.4	
...	50.894	+7.932	-3	50. 658	10.4	...	29.862	+53.767	-5	M	...	...	...	7.631	-58.692	0.90	52. 608	10.4	
...	50.338	+30.524	-2	50. 659	10.4	...	29.236	-30.169	-5	...	...	...	...	5.617	-50.644	-3	...	...	
...	49.486	+47.384	0.90	50. 660	10.0	...	28.431	+41.034	-4	B	...	...	...	4.798	+11.980	0.95	50. 673	9.5	
...	-49.128	-22.214	-3	...	...	...	-27.692	+58.637	-4	B	...	...	...	-3.573	+47.254	-3	...	...	
S *	49.066	+14.781	1.30	50. 661	8.6	...	26.872	-0.383	-3	51. 604	10.4	...	...	2.959	+21.432	-5	M	...	
...	48.778	+34.413	0.90	50. 662	10.2	...	26.654	+38.265	-3	...	...	...	*	1.846	-11.979	2.40	51. 609	8.4	
...	48.714	+25.973	-4	D	...	...	26.163	+28.104	-5	M	...	...	...	1.548	+41.553	-5	M	...	
...	47.192	+2.699	-3	...	...	...	23.993	+46.107	0.90	50. 667	10.2	...	...	1.257	-49.213	-1	51. 610	10.2	
2I						5I						8I							
*	-46.914	-25.165	1.20	51. 599	9.4	...	-23.525	-43.057	-5	...	...	...	*	-0.826	-35.829	0.95	51. 611	9.6	
S *	46.007	-53.947	3.10	51. 600	7.0	...	23.301	-58.517	-5	...	...	...	...	0.308	-25.798	-3	...	...	
...	45.697	+29.715	-3	...	...	...	22.619	-36.884	-4	...	...	...	...	†	-0.074	+59.582	0.95	50. 674	9.6
...	45.239	+46.952	-3	...	...	...	22.431	-59.256	-4	...	...	S *	+	1.993	-36.427	1.90	51. 612	8.1	
...	42.586	-28.939	-3	...	...	...	22.265	+46.857	0.90	50. 668	10.2	...	*	2.174	+38.797	1.15	50. 676	9.4	
...	-42.401	+28.059	-5	M	...	...	-21.871	-31.261	-5	...	...	...	...	+	2.208	-53.184	-3	...	...
...	42.299	+48.687	-3	...	...	...	20.853	-30.836	-1	51. 605	10.2	S *	3.001	+20.468	1.90	50. 677	8.4		
...	41.502	+10.722	-4	B	...	...	20.815	-38.006	-2	...	...	...	...	3.028	-48.213	-4	...	...	
...	41.055	+5.092	-3	...	...	...	19.284	-37.638	-5	...	...	...	...	3.301	-57.746	-5	p	...	
...	40.991	-4.424	-1	51. 601	10.4	...	18.768	+13.585	-3	...	...	...	...	3.403	+24.292	0.70	50. 678	10.0	

MC measured from 1, 59, 117.

T " " 32, 83, 159.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
91-130						131-170						171-182					
9I	...	...	...	...	...	13I	...	...	...	...	...	17I	...	...	...	...	...
...	+ 3'849	+ 6'020	-5	...	...	...	+28'183	- 0'970	-3	5I. 620	10'4	...	+54'615	-31'275	-3	e	...
...	4'769	+10'235	-4	...	...	...	28'963	+51'083	-2	...	...	...	55'003	-24'066	-4	e	...
...	5'606	-30'347	0'75	5I. 613	10'2	*	29'111	-40'958	1'20	5I. 621	9'4	e	55'774	- 8'327	-1	5I. 628	10'4
...	5'659	-55'803	-3	...	...	...	29'583	+57'124	-3	...	...	...	56'077	-38'480	-4	e	...
...	5'884	+31'361	-4	...	...	*	29'623	+54'081	1'00	50. 692	9'6	*	56'187	+30'916	1'90	50. 700	8'4
...	+ 6'200	-53'641	-3	...	...	...	+30'293	-35'840	-3	...	...	...	+56'427	+13'330	-4	...	...
...	6'523	+11'357	-5	...	...	...	31'356	-36'339	-2	5I. 622	10'4	Se*	56'504	-36'344	1'70	5I. 629	8'4
...	6'637	+31'603	-4	...	...	...	31'407	+10'469	-3	...	...	S *	57'327	+24'194	2'30	50. 701	7'7
...	7'683	-29'841	-3	5I. 614	10'4	...	31'745	-28'377	-5	...	...	e *	58'712	-25'374	1'05	5I. 630	9'6
...	8'499	+ 1'905	-5	...	...	*	32'060	+27'027	1'00	50. 693	9'8	...	59'130	+25'051	-5	...	...
10I	...	...	...	...	...	14I	...	...	...	...	...	18I	...	...	...	...	...
*	+ 9'341	-47'589	1'10	5I. 615	9'4	...	+33'862	+26'968	0'90	50. 695	10'2	...	+59'632	+40'437	-4	...	...
...	9'634	+ 6'200	0'70	50. 679	10'4	S *	34'071	+56'897	1'50	50. 694	8'8	†	59'708	- 0'410	-2	e	...
...	10'102	+24'554	-3	50. 680	10'4	*	34'468	+37'671	1'20	50. 697	9'0	...	...	...	...	...	...
...	10'847	-42'682	-5	p	...	...	34'599	+49'936	0'90	50. 696	10'2	...	...	...	...	...	...
*	13'866	+16'315	2'90	50. 681	7'8	...	34'734	-37'309	-5	...	...	...	...	...	...	...	...
...	+14'213	+20'323	-3	50. 682	10'4	*	+36'083	-38'210	1'00	5I. 623	9'5	...	...	...	...	...	...
...	14'988	+48'508	0'80	50. 683	10'2	...	36'719	+20'430	-3	...	...	...	...	...	...	...	...
...	16'213	-48'477	0'70	5I. 616	10'2	...	38'093	-14'064	-1	5I. 624	10'4	...	...	...	...	...	...
...	17'468	-55'733	-5	p	...	...	38'653	+37'440	-4	...	...	...	...	...	...	...	...
...	17'539	+ 6'094	-3	50. 685	10'2	S *	39'250	-12'049	1'35	5I. 625	8'6	...	...	...	...	...	...
III	...	...	...	...	...	15I	...	...	...	...	...	...	...	...	...	...	...
...	+17'716	-36'095	-1	5I. 617	10'4	...	+39'943	- 8'653	-4	...	...	...	...	...	...	...	...
*	17'944	+44'391	1'00	50. 684	10'0	...	40'774	- 6'612	-4	...	...	...	...	...	...	...	...
...	18'626	-34'625	0'85	5I. 618	10'2	...	40'982	+27'857	-3	...	...	...	...	...	...	...	...
...	18'807	-38'891	-1	5I. 619	10'4	...	41'814	-57'379	-1	5I. 626	10'4	...	...	...	...	...	...
...	19'609	-10'733	-4	...	...	*	42'424	+25'582	1'10	50. 698	9'4	...	...	...	...	...	...
*	+19'645	+55'769	1'10	50. 686	9'4	...	+42'752	-39'133	-4	...	...	...	...	...	...	...	...
...	20'143	-11'242	-3	...	...	...	43'410	+56'390	-5	...	...	...	...	...	...	...	...
...	21'152	-50'632	-4	...	...	...	43'458	-10'582	-3	...	...	...	...	...	...	...	...
...	21'645	+45'956	-4	...	...	...	46'690	-31'599	-5	p	...	...	...	...	...	...	...
...	23'349	+37'131	-5	...	...	...	48'187	-42'971	-4	...	...	...	...	...	...	...	...
12I	...	...	...	...	...	16I	...	...	...	...	...	...	...	...	...	...	...
...	+23'379	+13'525	-2	50. 687	10'4	...	+48'323	+55'361	-4	...	...	...	...	...	...	...	...
...	23'461	-49'129	-2	...	...	...	48'539	-23'559	-5	p	...	...	...	...	...	...	...
...	23'652	+ 5'464	-2	50. 688	10'4	...	50'101	-32'590	-3	...	...	...	...	...	...	...	...
*	24'652	+42'417	1'50	50. 689	8'7	*	51'020	+34'397	1'10	50. 699	9'4	...	...	...	...	...	...
...	24'706	+28'915	-2	50. 690	10'4	...	51'384	+26'597	-1	...	...	...	...	...	...	...	...
...	+25'467	-27'595	-5	...	...	...	+51'973	-37'570	-3	e	...	...	...	...	...	...	...
...	25'658	- 4'981	-5	...	...	e	51'980	-34'602	0'90	5I. 627	10'0	...	...	...	...	...	...
†	26'889	-39'951	-4	...	...	...	53'111	-48'592	-5	...	...	...	...	...	...	...	...
...	27'534	+33'634	0'90	50. 691	10'2	...	53'900	+44'084	-2	...	...	...	...	...	...	...	...
...	28'131	-45'775	-3	...	...	...	54'213	+ 0'055	-2	...	...	...	...	...	...	...	...

1-10						11-20						21-30					
I	α .	γ .	Diam.	C.P.D.	Mag.	II	α .	γ .	Diam.	C.P.D.	Mag.	2I	α .	γ .	Diam.	C.P.D.	Mag.
E	-59°919'	-34°771'	0°90	5I. 627	10°0	...	-55°343'	+40°525'	-3	...	...	...	-52°154'	+3°486'	-2	...	...
...	59°819'	-37°741'	-3	E	...	SE*	55°316'	-36°318'	1°85	5I. 629	8°4	...	52°069'	+16°879'	-4	...	...
†	59°112'	-0°039'	-2	F	...	...	54°402'	-31°557'	-5	...	...	...	51°405'	+3°615'	-1	...	...
*	58°376'	+30°865'	1°60	50. 700	8°4	...	54°371'	+47°430'	-3	...	...	...	51°047'	-16°048'	-5	...	...
...	57°440'	-31°338'	-3	E	...	S *	53°626'	+3°716'	1°95	50. 702	8°0	...	50°997'	-51°079'	-1	5I. 631	10°4
...	-57°426'	+13°325'	-4	...	...	...	-53°591'	-0°297'	-1	E	...	*	-50°798'	+31°872'	2°20	50. 703	8°1
...	57°322'	-24°117'	-3	E	...	E *	53°587'	-25°275'	1°00	5I. 630	9°6	†	50°101'	-22°385'	1°00	5I. 632	9°8
E	57°200'	-8°357'	0°80	5I. 628	10°4	...	53°334'	-26°511'	-5	...	...	...	50°030'	-6°867'	-1	5I. 633	10°2
S *	56°964'	+24°201'	2°20	50. 701	7°7	...	52°767'	+29°568'	-3	...	...	...	49°562'	+49°230'	-5	...	...
...	55°673'	-38°477'	-3	E	...	...	52°640'	+42°057'	-5	...	...	*	48°769'	+37°543'	0°95	50. 704	9°8

MC measured from 1, 45, 84, 115, 141, 176.

MB " " 28, 66, 98, 127, 153, 196.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	δ .		No	Mag.		α .	δ .		No	Mag.		α .	δ .		No	Mag.
31-90						91-150						151-210					
3I	-48° 714	-29° 584	-2	°	...	9I	-14° 450	+50° 986	-1	50° 716	10.4	15I	+24° 253	+47° 048	1.00	50° 728	9.5
...	48° 153	+53° 177	-5	...	...	...	14° 276	-42° 546	-3	...	...	...	24° 259	-37° 655	-5	<i>p</i>	...
...	47° 974	+48° 538	-2	...	...	...	13° 174	-15° 500	-5	<i>p</i>	...	S *	24° 980	+9° 662	1.10	50° 729	8.8
...	46° 392	-57° 087	-1	...	...	...	13° 014	-19° 698	-3	51. 646	10.4	...	27° 492	+54° 694	-4	<i>a</i>	...
...	46° 283	+26° 547	-3	...	...	*	12° 562	-52° 724	1.10	51. 647	9.5	...	27° 778	-25° 727	0.75	51. 655	10.2
*	-45° 590	+10° 117	1.05	50. 705	9.8	...	-12° 265	-53° 916	-2	...	...	...	+29° 967	+15° 680	-5	...	...
...	45° 154	-54° 539	-1	...	...	...	11° 766	+48° 507	-4	...	...	n	31° 357	-27° 768	-3	...	...
...	44° 540	+41° 619	-1	...	...	...	9° 252	+59° 758	-3	...	...	n	31° 382	-27° 711	0.75	51. 656	10.0
...	43° 622	-50° 889	-5	...	...	...	8° 152	+56° 100	-4	...	...	...	31° 604	-52° 251	-2	...	...
...	43° 143	-52° 682	-4	...	...	...	7° 501	+24° 107	-3	...	...	...	32° 033	+10° 161	-5	...	...
4I	-42° 471	+15° 581	-5	...	...	10I	-4° 378	-58° 077	-5	...	...	16I	+32° 303	+49° 058	1.00	50° 730	10.2
...	41° 067	-16° 660	-3	...	...	...	3° 933	-23° 426	-5	...	...	...	32° 693	-41° 527	-4	...	...
...	41° 015	-3° 371	-4	...	...	...	3° 867	-48° 917	-4	...	...	...	32° 936	+8° 842	0.90	50° 731	10.2
...	40° 976	+8° 222	0.95	50. 706	10.2	...	3° 583	-56° 303	0.95	51. 648	10.0	*	33° 677	-58° 932	1.00	52. 673	10.2
...	38° 342	-35° 640	0.80	51. 634	10.4	...	2° 722	+55° 867	-2	...	...	...	35° 105	+39° 817	0.75	50° 732	10.4
...	-37° 988	+37° 572	-5	...	...	...	-2° 409	+39° 200	0.90	50° 717	10.0	...	+35° 760	-52° 190	0.85	51. 657	10.4
...	36° 226	+41° 037	0.70	...	...	...	2° 246	+6° 064	-2	50° 718	10.0	...	36° 874	-30° 157	-1	...	...
*	36° 047	-54° 255	1.00	51. 635	10.0	...	2° 193	+3° 956	-2	50° 719	10.0	...	37° 087	+23° 291	-3	...	...
...	35° 926	-4° 921	-4	...	...	...	2° 150	+43° 363	-4	...	...	S *	37° 103	-40° 407	2.10	51. 658	7.9
...	35° 044	+11° 550	-2	...	...	...	2° 060	+43° 708	-5	<i>m</i>	...	...	37° 500	-27° 347	0.90	51. 659	10.4
5I	-34° 864	+37° 329	-2	...	...	11I	-1° 960	+4° 757	1.10	50° 720	9.4	17I	+38° 114	-45° 263	-5	...	...
...	34° 599	+11° 335	-3	...	...	*	1° 308	+47° 980	1.10	50° 721	9.6	...	38° 206	-52° 055	0.95	51. 660	10.4
...	34° 246	-29° 387	0.75	51. 636	10.4	...	1° 155	+46° 713	-4	...	...	...	39° 055	+22° 111	-2	...	...
...	34° 159	-17° 213	-3	...	...	...	-0° 732	+47° 200	0.85	50° 722	10.4	...	39° 263	+50° 866	-2	...	...
...	33° 272	+30° 219	-3	...	...	...	+1° 114	-40° 103	-2	...	...	*	39° 402	+42° 466	1.10	50° 733	9.4
*	-33° 119	+23° 246	1.00	50° 707	9.8	...	+1° 765	-51° 169	-4	...	...	...	+39° 977	+22° 199	-4	...	...
...	32° 929	-57° 927	-5	<i>p</i>	...	...	1° 784	+28° 060	-5	...	...	...	41° 107	-16° 340	-4	...	...
...	32° 332	-35° 550	-1	...	...	*	2° 012	-15° 980	1.00	51. 649	9.2	...	41° 866	-40° 327	-4	...	...
...	32° 265	-58° 373	-3	...	...	...	2° 556	+34° 217	-5	...	...	...	42° 239	+39° 140	-3	...	...
...	32° 078	+41° 605	-5	B	...	...	3° 551	-19° 683	-3	...	...	...	42° 260	-32° 280	-3	...	...
6I	-31° 523	-40° 375	-4	...	...	12I	+6° 619	-39° 103	-2	...	...	18I	+42° 624	+15° 901	0.75	...	...
...	30° 641	-53° 699	-5	...	...	†	7° 820	+34° 953	-3	...	...	...	42° 764	-19° 057	0.75	51. 661	10.4
...	30° 533	+44° 053	-4	...	...	...	7° 905	+7° 806	-5	...	...	...	43° 091	+0° 190	-3	...	...
...	30° 480	+18° 209	-4	...	...	S *	9° 009	-11° 260	1.95	51. 650	8.2	...	43° 443	-43° 354	0.80	51. 662	10.4
*	30° 107	-53° 542	1.00	51. 637	9.6	...	9° 264	+27° 841	-3	...	...	...	43° 638	-13° 775	-3	...	...
†	-30° 097	+22° 333	-5	...	...	...	+9° 571	-21° 514	-5	<i>p</i>	...	...	+44° 161	-54° 579	-3	...	...
†	30° 005	-46° 150	-5	...	...	...	10° 342	-50° 850	-5	...	...	...	44° 198	-46° 337	-3	...	...
...	29° 504	+9° 649	0.90	50° 708	10.2	...	11° 054	+51° 976	-3	...	...	*	44° 387	-34° 224	1.00	51. 663	9.6
...	28° 737	+44° 193	0.95	50° 709	10.4	...	11° 908	-28° 738	-4	...	...	...	45° 785	-48° 250	-3	...	...
...	28° 373	-53° 800	0.85	51. 638	10.4	...	12° 145	-22° 371	-4	...	...	...	47° 947	-34° 317	-4	...	...
7I	-28° 123	-34° 450	1.70	51. 639	8.6	13I	+12° 243	+39° 251	-1	...	...	19I	+48° 014	-55° 875	-5	<i>p</i>	...
S *	28° 057	+49° 534	0.95	50° 710	10.4	*	12° 362	+1° 390	1.60	51. 651	9.0	...	48° 306	-0° 171	-5	<i>p</i>	...
*	27° 649	+29° 337	1.05	50° 711	9.6	*	12° 675	+38° 334	0.90	50° 723	9.8	S *	48° 592	+55° 368	1.05	50° 734	9.4
...	27° 237	-59° 310	-3	...	...	...	12° 941	+8° 772	-2	50° 724	10.2	*	48° 952	+10° 160	1.10	50° 735	9.4
...	26° 956	+40° 058	-4	...	...	...	14° 225	-40° 891	-3	...	...	...	49° 112	+6° 816	-3	...	...
...	-24° 167	+32° 728	-1	...	...	...	+14° 568	-52° 018	-3	...	...	...	+50° 340	+12° 072	-5	...	...
...	24° 130	-14° 149	-1	51. 640	10.4	...	16° 557	+10° 952	-2	50° 725	10.4	...	50° 579	-9° 217	0.95	51. 664	10.2
*	23° 827	+11° 306	1.05	50° 712	9.5	...	17° 227	-33° 641	-5	...	...	...	50° 781	-17° 659	0.65	...	...
...	23° 199	+25° 256	-5	...	...	...	18° 210	+46° 795	-3	...	...	*	50° 967	+14° 522	1.20	50° 736	9.0
...	22° 645	+38° 556	-5	...	...	...	19° 562	-49° 433	-5	<i>p</i>	...	...	51° 898	-24° 057	0.70	...	...
8I	-21° 969	+17° 912	1.00	50° 713	9.6	14I	+19° 808	+14° 365	-3	50° 726	10.4	20I	+52° 359	-24° 545	-5	<i>e</i>	...
...	20° 762	+1° 954	0.85	51. 641	10.0	*	20° 178	-25° 638	1.50	51. 652	8.4	...	53° 629	+49° 654	-5	<i>b</i>	...
...	20° 670	-28° 016	-3	...	...	...	20° 684	+21° 089	0.90	50° 727	9.6	...	54° 016	+52° 726	-3	...	...
...	17° 894	+15° 100	-4	...	...	*	21° 010	-37° 261	1.00	51. 653	9.4	...	54° 403	+40° 428	0.90	50° 737	10.4
...	17° 205	-55° 926	0.85	51. 642	10.2	...	21° 395	-55° 762	0.80	...	...	...	54° 513	+20° 908	-5	<i>e</i>	...
S *	-17° 189	+49° 994	1.20	50° 714	9.0	...	+21° 659	-19° 303	-3	51. 654	10.4	e *	+54° 551	-28° 798	1.50	51. 665	8.6
S *	16° 486	-4° 430	2.10	51. 643	8.3	...	21° 742	-19° 315	-5	...	...	...	55° 306	+7° 407	-2	...	...
...	16° 424	-23° 559	-2	51. 644	10.4	...	22° 260	+58° 506	-2	...	...	...	55° 601	+50° 216	0.75	...	...
*	16° 142	-28° 304	1.00	51. 645	9.6	...	22° 466	+12° 774	-5	...	...	...	55° 740	-15° 268	-5	<i>e</i>	...
...	15° 272	-41° 484	-4	...	...	...	23° 783	+53° 572	-3	...	...	...	55° 770	-51° 530	-4	<i>e</i>	...

157, 158. C.P.D., probably mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		...	No.
211-220						221-223											
2II	+55°788	+59°050	-2	°	...	22I	+57°988	-10°298	-5	°	e	...					
...	56°214	-12°424	-4	e	...	...	58°529	-23°765	0°70	e	...						
...	56°369	+41°734	-4	e	...	...	58°866	+30°799	0°95	50. 739	10°0						
e	56°760	-35°635	0°80	51. 666	10°4												
e	56°824	-50°178	0°85	51. 667	10°2												
...	+57°024	+47°309	-2	...	...												
...	57°115	+56°103	-2	...	...												
...	57°248	+43°438	-4	...	...												
S *	57°252	+35°905	1°05	50. 738	9°4												
...	57°335	+57°698	-5	d	...												

1-40						41-80						81-120					
I	-59°959	-24°684	-4	E	...	4I	-47°712	+11°653	1°00	50. 742	10°2	8I	-34°796	+5°830	-4	...	...
...	59°905	+58°965	-1	...	...	...	47°700	-44°745	-2	...	...	...	34°514	-30°041	1°10	51. 675	10°2
*	59°743	+50°131	0°85	...	...	F *	46°882	-0°090	1°10	51. 669	9°8	...	33°875	+40°557	-4	M	...
...	59°668	+20°814	-5	E	...	...	46°460	-58°482	-3	...	...	...	33°873	-20°511	0°80	...	...
...	58°621	+41°679	-3	E	...	...	46°399	-47°806	-2	...	...	...	33°800	-38°640	-5	...	...
...	-58°476	+56°089	-1	...	...	...	-45°726	+51°252	-3	...	...	...	-33°570	+6°032	-4	...	...
...	58°306	+7°354	0°65	...	...	...	44°525	+42°242	-2	...	...	...	32°995	-43°009	-4	...	...
...	58°225	+47°289	-1	...	...	*	44°437	-58°179	1°00	51. 670	10°4	...	32°885	-55°865	-2	...	...
...	57°830	+43°428	-2	...	...	...	43°182	+32°494	-2	...	...	...	32°597	+26°157	-4	M	...
E *	57°584	-28°852	2°00	51. 665	8°6	...	42°150	-54°598	-2	...	...	...	32°445	-16°029	-5	...	...
II						5I						9I					
S *	-57°519	+35°901	1°40	50. 738	9°4	*	-42°102	-37°148	1°40	51. 671	9°0	S *	-31°910	+18°429	1°90	50. 750	8°8
...	56°945	-15°294	-3	E	...	...	42°097	+18°584	1°00	50. 744	10°4	...	31°615	+22°352	-1	M	...
...	56°586	-12°433	-2	E	...	...	42°096	-39°137	-1	...	...	...	31°531	+50°438	-4	M	...
*	55°713	+30°871	1°10	50. 739	10°0	...	41°688	+17°590	0°90	50. 745	10°4	...	30°452	-42°732	-2	...	...
...	55°439	-51°506	-3	E	...	...	41°655	+35°786	-3	B	...	...	30°426	+51°351	-3	...	...
E †	-55°095	-35°592	0°80	51. 666	10°4	...	-41°515	-20°382	-3	...	...	*	-29°778	+20°991	1°00	50. 751	10°2
...	54°914	-10°238	-5	E	...	...	41°182	+22°197	-3	...	...	...	28°944	-44°489	-3	...	...
...	54°661	+56°628	-4	M	...	...	41°067	+3°111	-2	...	...	...	28°209	+34°664	-2	...	...
E *	54°468	-50°117	0°95	51. 667	10°2	...	41°035	-18°151	-4	...	...	...	28°092	-56°712	1°50	51. 676	8°8
*	53°833	-23°669	0°95	E	...	...	40°967	+37°944	-3	...	...	*	28°005	-28°507	1°70	51. 677	9°0
2I						6I						10I					
...	-53°654	+48°191	-5	M	...	...	-39°941	-37°856	-3	...	...	*	-27°475	+38°917	1°10	50. 753	9°6
...	53°489	+47°979	-2	...	...	...	39°158	+38°301	0°90	...	...	...	27°141	-46°747	-5	...	...
...	53°314	+0°828	-5	M	...	...	39°050	-17°308	0°65	...	...	...	26°230	-57°293	-5	p	...
...	53°126	-13°982	-5	...	...	...	38°866	-47°125	-5	p	...	...	26°000	-36°536	-3	...	...
*	53°067	+24°454	0°85	...	...	*	38°780	-23°702	1°90	51. 672	9°0	*	25°900	+39°263	1°00	50. 754	10°2
...	-52°869	+23°758	1°00	50. 740	10°4	...	-38°419	-29°554	-4	...	...	*	-25°683	-6°937	1°10	51. 678	10°0
...	52°578	-9°060	-4	...	...	*	38°261	-41°240	1°20	51. 673	9°8	*	25°450	-25°815	1°60	51. 679	8°8
...	52°089	+6°736	-5	M	...	...	37°891	+42°011	-3	...	...	*	24°727	-50°463	1°00	51. 680	10°4
...	52°014	+28°690	-5	M	...	*	37°413	+20°326	1°00	50. 746	10°4	...	24°583	-47°765	0°90	...	...
*	51°023	-41°303	1°20	51. 668	9°6	...	36°868	+18°867	-4	...	...	...	22°785	+36°233	-5	M	...
3I						7I						III					
...	-49°987	-25°036	0°90	...	...	...	-36°827	-23°491	0°90	...	...	...	-22°644	-58°243	-4	...	...
*	49°252	+1°986	1°10	50. 741	10°0	...	36°744	-42°969	-5	p	...	...	22°561	+23°390	-4	M	...
...	49°023	-41°247	-5	p	...	...	36°660	+58°402	-3	...	...	...	22°528	+48°612	-4	M	...
...	48°800	+33°828	-5	M	...	...	36°621	-51°082	0°65	...	...	...	22°358	-22°896	0°90	51. 681	10°4
...	48°479	+1°768	0°80	...	...	...	36°217	+29°072	0°95	50. 747	10°4	*	22°054	-19°158	1°90	51. 682	9°0
...	-48°475	-49°612	-1	...	...	...	-36°186	-7°469	-5	p	...	...	-21°843	+35°262	-2	...	...
...	48°396	+4°407	0°80	...	...	S *	36°119	-35°227	2°70	51. 674	7°9	*	21°556	+4°472	1°00	50. 755	10°2
...	48°246	-2°276	-3	...	...	...	35°791	-3°042	-5	p	...	...	21°268	-22°887	-3	...	...
*	47°925	+28°962	0°95	50. 743	10°2	*	34°839	+52°577	1°05	50. 749	10°2	...	20°853	+22°738	-5	M	...
...	47°882	+17°261	-3	...	...	...	34°822	+1°450	-3	M	...	...	20°192	+44°094	-4	M	...

MB measured from 1, 61, 120, 198, 255, 317.

MC " " 31, 96, 165, 226, 287, 351.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
121-180						181-240						241-300					
I2I	-19'973	+19'585	I·15	50. 757	9·8	I8I	- 5'230	+28'302	0·90	50. 766	10·2	24I	+16'667	-51'098	- 2	°	...
*	19'819	- 0'681	- I	...	...	*	5'115	+39'696	I·20	50. 767	9·9	...	16'685	+54'382	- 5	...	...
...	19'785	- 0'460	- I	...	...	...	4'850	-49'230	- 5	p	...	...	16'927	+33'794	- 5	...	...
...	19'527	-19'161	- 3	...	...	*	4'553	+ 6'480	I·60	50. 768	9·4	...	17'259	+58'163	- 4	...	...
...	19'341	-54'170	0·90	51. 683	10·4	...	4'455	+50'878	I·00	...	...	...	17'270	+48'023	- 3	...	...
...	-19'307	-53'965	- 3	...	...	...	- 4'089	+23'867	0·95	...	...	...	+17'328	+56'187	- 5	...	...
...	19'244	+39'254	- 5	M	...	...	4'003	-57'856	- 4	...	...	...	17'515	+20'782	- 5	...	...
...	19'154	+14'798	- I	...	...	...	3'360	+47'821	0·95	...	...	...	17'668	+53'651	- 3	...	...
...	19'081	-18'323	- 3	...	...	...	3'298	+17'481	- 5	...	...	...	18'983	-36'951	- 4	p	...
*	18'921	+35'090	0·95	...	...	...	3'132	-51'099	- 3	...	...	*	19'040	-35'383	I·30	51. 697	9·8
I3I	-18'758	+29'258	I·10	50. 758	10·2	I9I	- 2'676	+17'372	- 3	...	...	25I	+19'123	-47'627	- 3	...	...
*	18'726	-21'049	- I	...	...	...	2'580	+14'741	- 3	...	...	...	19'156	+10'422	- 5	...	...
+	18'598	+10'067	2·00	50. 759	8·7	...	2'492	+28'250	0·90	...	...	...	19'448	+42'798	- I	...	...
...	18'386	+27'510	- 4	...	...	...	2'366	+21'933	- 4	...	...	*	19'618	-11'252	I·30	51. 698	9·2
*	17'723	-31'619	2·60	51. 684	8·1	...	I'874	- 9'366	- 5	p	...	...	20'061	+54'825	0·75	...	...
*	-17'586	-29'219	I·10	51. 685	10·2	...	- 0'950	-22'339	- 3	...	...	...	+20'323	+10'688	- 3	...	...
...	17'503	-52'157	0·95	...	...	...	0'773	- 7'576	- 4	...	...	...	20'434	-48'844	- 2	...	...
†	17'391	+ 4'991	- 5	...	...	S †	- 0'206	- 6'113	I·30	51. 691	9·2	...	21'735	-10'678	- 5	p	...
...	17'068	+16'737	- 3	...	...	...	+ 0'037	-16'808	- I	...	...	*	21'839	+25'491	I·05	...	...
...	17'053	-52'064	- 5	p	...	...	0'375	-13'088	0·95	...	...	...	22'073	- 5'800	- 3	...	...
I4I	-16'731	+50'185	- I	...	...	20I	+ I'710	+57'647	I·20	50. 769	10·1	26I	+22'141	-25'126	- 3	...	...
...	15'804	+10'814	- 4	...	...	...	I'712	-46'968	- 4	p	...	...	22'722	+39'057	- I	...	...
...	15'383	+38'409	0·85	...	...	...	I'713	-38'568	- 5	p	...	...	22'877	+54'040	- 5	...	...
†	15'183	- I'193	- 4	...	...	...	2'176	-45'266	I·10	51. 692	10·1	...	22'976	+24'665	0·85	...	...
...	14'914	-22'646	0·80	...	...	...	2'719	+14'354	- I	...	...	...	22'991	+56'387	- 2	...	...
*	-14'305	-22'997	I·10	51. 686	10·2	*	+ 2'758	+56'020	I·00	...	...	†	+24'719	-50'873	I·15	51. 699	9·6
...	14'187	- 9'261	- 4	...	...	...	2'887	+55'077	- 4	...	...	...	25'184	+48'955	- 5	...	...
...	14'060	+45'601	- 5	M	...	*	3'087	-20'817	2·00	51. 693	8·9	S *	25'239	-24'628	3'30	51. 700	7·8
...	13'911	+37'565	0·80	...	...	...	3'241	+15'599	- 3	...	...	...	25'472	-13'850	- 2	...	...
...	13'808	-43'500	- 5	...	...	...	3'312	-16'027	0·80	...	...	*	25'507	-44'059	I·40	51. 701	9·0
I5I	-13'699	-42'997	- I	...	...	21I	+ 4'475	+ 5'851	- 3	...	...	27I	+25'603	-58'173	0·80	...	...
...	13'461	+25'368	- 5	M	...	...	4'591	+32'093	- 2	...	...	...	25'818	+ 2'284	- 5	...	...
*	13'400	-40'943	2·80	51. 687	7·8	†	4'686	+10'265	- 2	...	...	*	25'844	+24'728	I·15	50. 773	9·9
...	13'277	-43'347	0·90	...	...	†	4'734	+ 0'421	- I	a	...	...	25'989	-49'490	- 5	p	...
*	13'115	-48'519	I·15	51. 688	9·9	...	5'497	-46'477	0·75	...	...	...	26'177	+23'303	- 4	...	...
*	-12'912	-34'050	I·60	51. 689	9·4	+	6'327	+ 2'786	0·70	...	...	...	+26'479	+55'801	0·75	...	...
*	12'445	+51'056	I·10	50. 760	10·2	...	7'070	-44'889	- 4	...	...	*	26'629	-43'701	I·10	51. 702	9·9
...	11'736	-26'599	- 3	...	...	*	7'270	-30'478	I·15	51. 694	10·0	*	26'843	-40'158	I·05	...	...
...	11'710	+54'524	- 5	M	...	...	7'333	+17'669	- 3	...	...	...	27'201	+48'659	- I	...	...
+	11'642	+ 5'089	I·20	50. 761	9·7	...	7'857	+ 8'089	- I	...	...	...	27'247	- 7'475	- 2	...	...
I6I	-11'534	-36'266	- 5	p	...	22I	+ 7'861	- 3'370	- I	...	...	28I	+27'470	+40'881	0·70	...	...
...	11'364	- 7'079	- 5	p	...	...	7'951	-46'298	- 5	...	...	...	27'512	+47'804	- 1	...	...
...	11'319	- 3'845	- 4	...	...	...	8'242	+13'434	- 5	...	...	*	27'875	-19'745	I·15	51. 703	9·8
†	10'300	+17'195	5·40	50. 762	6·6	...	9'157	-34'278	- 4	...	...	...	28'680	+49'510	- 5	...	...
...	9'794	-15'992	- 5	p	...	S †	9'560	-40'346	3'70	51. 695	7·6	...	28'768	-55'595	- 4	...	...
†	- 9'786	+25'026	- 4	...	...	+	9'702	+48'618	- 3	...	...	...	+29'563	-15'757	- 3	...	...
†	9'597	+15'077	- 3	...	...	...	10'102	-59'414	- 3	...	...	S †	29'670	+41'217	I·30	50. 774	9·6
*	9'303	+ 4'526	I·20	50. 763	9·9	...	10'132	+56'714	- 3	...	...	*	29'813	+37'414	0·95	...	...
...	9'183	-45'445	- 3	...	...	*	10'718	-40'058	I·50	51. 696	9·4	...	29'931	- 7'010	- 3	...	...
S *	8'127	+35'318	I·25	50. 764	9·7	...	11'305	+ 9'796	- 2	...	...	...	30'017	-48'992	- 3	...	...
I7I	- 8'090	+47'079	- 4	M	...	23I	+12'130	-55'439	- 3	...	...	29I	+30'290	- 0'280	I·10	51. 704	9·9
...	7'631	+39'764	- 3	...	...	*	12'945	+11'101	I·40	50. 770	9·4	*	30'523	-37'824	I·50	51. 705	9·4
*	7'597	-13'273	I·40	51. 690	9·2	...	13'188	-35'938	- I	...	...	*	31'146	-51'013	I·20	51. 706	9·8
...	7'553	-23'179	- 5	p	...	...	13'613	+15'768	- 2	...	...	*	31'229	+31'157	I·00	...	...
*	7'256	+57'181	I·30	50. 765	9·4	...	13'952	+20'309	- 5	...	...	*	31'682	-26'857	I·00	...	...
...	- 6'916	-19'640	- 5	p	...	*	+14'899	+10'514	I·20	50. 771	9·6	...	+32'723	+14'082	- 3	...	...
...	6'083	+59'709	- 3	...	...	...	15'646	-40'210	- 5	p	...	...	32'749	-45'541	- 5	p	...
...	6'027	-56'959	- 5	p	...	*	15'665	+47'714	2'10	50. 772	8·8	...	32'801	+45'899	- 5	...	...
...	5'855	-38'536	- 5	p	...	...	16'162	-37'308	- 3	...	...	...	32'812	- 3'122	- 4	p	...
...	5'488	-14'771	- 5	p	...	...	16'435	+46'913	- 5	...	...	...	33'200	-23'422	- 5	p	...

Notes.	Co-ordinates.		Diam. 0.65	G.P.D.		Notes.	Co-ordinates.		Diam. 0.65	G.P.D.		Notes.	Co-ordinates.		Diam. 0.65	G.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
301-330						331-360						361-376					
30I	...	...	...	...	...	33I	...	...	...	...	...	36I	...	...	...	...	...
...	+33.302	-30.895	-4	...	...	...	+43.388	+8.338	1.00	...	...	...	+53.757	-44.870	-5	e	...
...	33.465	+40.408	-3	...	...	...	44.319	+37.436	1.00	...	...	...	53.915	-58.501	-1	e	...
*	33.815	+49.169	1.00	50. 775	10.2	*	44.913	+52.246	1.20	...	...	...	53.983	-35.642	-1	e	...
...	34.024	-45.965	-3	...	...	S *	45.584	+9.908	1.85	50. 779	8.8	...	55.417	-10.872	-3	e	...
...	34.282	-34.451	-4	...	...	...	45.749	+21.904	0.95	...	...	...	55.557	+42.669	-1	...	...
...	+34.469	-33.343	-5	p	...	...	+45.754	+24.068	-5	...	...	e *	+55.953	-32.105	1.30	5I. 7II	9.9
...	34.798	+20.580	-1	...	...	...	45.896	+1.625	-3	...	...	...	56.326	-29.988	-3	e	...
†	35.134	-34.735	-1	...	...	*	46.055	-56.876	1.00	...	...	...	56.567	-4.146	-5	e	...
*	35.599	+42.641	1.00	...	...	...	47.118	-9.959	-3	...	...	...	56.693	-2.676	-3	e	...
...	36.460	-32.488	-2	...	...	...	47.129	-11.984	-3	...	...	...	56.813	+35.520	0.90	...	...
31I	...	...	...	...	...	34I	...	...	...	...	...	37I	...	...	...	...	...
*	+36.875	-50.613	1.00	...	...	...	+47.191	-37.411	-4	...	...	...	+56.862	+29.296	-4	...	...
...	37.060	+43.005	-1	...	...	*	47.438	-5.156	0.95	...	...	...	57.357	+52.733	-4	...	...
...	37.287	+52.729	0.90	...	...	...	47.539	+13.827	-5	...	...	...	57.578	+36.675	-3	...	...
...	37.296	-55.236	-4	...	...	†	47.558	+20.057	-3	...	...	...	57.695	-23.162	-2	e	...
...	37.969	+3.080	-2	...	...	...	47.579	+43.046	-5	...	...	...	58.229	-54.169	-3	e	...
*	+38.000	+14.179	1.00	50. 776	10.2	*	+47.805	-51.637	1.20	...	...	e *	+59.104	-18.455	1.00	5I. 7I2	10.2
†	39.645	-1.136	1.20	5I. 707	9.4	...	47.969	+27.978	-5	...	...	...	...	...	...	...	...
...	39.829	+18.706	0.90	...	...	...	47.987	-55.431	-4	p	...	...	...	...	...	...	...
*	40.451	-16.422	1.05	5I. 708	10.1	...	48.118	+38.807	-3	...	...	...	...	...	...	...	...
...	40.932	-37.556	-4	...	...	...	49.403	+9.632	0.70	...	...	...	...	...	...	...	...
32I	...	...	...	...	...	35I	...	...	...	...	...	...	...	...	...	...	...
...	+41.596	-53.500	-3	...	...	...	+49.707	+29.695	-2	...	...	...	...	...	...	...	...
...	41.624	+14.219	-5	...	...	...	50.867	+38.957	-4	...	...	...	...	...	...	...	...
...	41.940	-31.380	0.85	...	...	...	51.259	-25.781	-3	...	...	...	...	...	...	...	...
*	42.133	+0.744	1.05	5I. 709	10.2	...	51.486	+29.542	-4	...	...	...	...	...	...	...	...
*	42.231	-25.890	0.85	...	...	...	51.556	+12.335	-4	...	...	...	...	...	...	...	...
...	+42.308	+25.693	-5	...	...	...	+52.519	+31.126	-3	...	...	...	...	...	...	...	...
*	42.751	-4.319	2.60	5I. 710	8.2	...	52.522	+2.079	-2	...	...	...	...	...	...	...	...
...	42.909	+24.409	-3	...	...	...	52.540	-2.930	-3	...	...	...	...	...	...	...	...
*	42.930	+24.656	2.20	50. 778	8.6	*	52.885	+42.952	1.20	50. 780	10.1	...	...	...	...	...	...
...	43.360	+53.605	-1	...	...	...	53.320	+7.661	-2	...	...	...	...	...	...	...	...

1-20						21-40						41-60					
I	...	...	...	...	...	2I	...	...	...	...	...	4I	...	...	...	...	...
...	-59'503	+42'595	-1	...	...	E *	-53'473	-18'329	1'00	5I. 7I2	10.2	...	-48'033	-0'669	-4	...	...
...	58'094	+52'747	-3	...	...	...	53'403	+16'783	-5	...	...	...	47'596	+59'500	-5	A	...
...	58'032	+5'917	-5	...	...	...	53'373	+5'599	-4	...	...	...	47'077	+55'265	-3	...	...
...	57'942	+35'504	0'90	...	...	*	53'066	+55'542	1'20	50. 782	10.0	...	46'912	+30'356	-4	...	...
...	57'869	-35'725	-2	E	...	*	52'967	+43'790	1'10	50. 781	9.9	...	46'652	-1'809	-5	p	...
...	-57'710	-44'951	-4	E	...	...	-52'863	-54'054	-3	E	...	...	-46'572	-0'490	0'95	...	...
...	57'643	+29'297	-4	...	...	...	52'842	+4'349	-4	...	...	...	46'257	-22'110	-5	...	...
...	57'451	-10'901	-3	E	...	...	52'659	-27'398	-4	...	...	...	45'756	-7'941	0'65	...	...
...	57'346	-55'814	-5	p	...	...	52'606	-16'508	-4	...	...	...	45'677	-12'690	-5	...	...
...	57'227	+36'691	-2	...	...	...	52'563	-43'807	-5	p	...	*	45'659	+53'743	1'20	50. 785	10.1
II	...	...	...	...	...	3I	...	...	...	...	...	5I	...	...	...	...	...
...	-57'001	-56'568	0'90	E	...	...	-51'228	-12'822	-3	...	...	...	-45'382	-20'495	0'80	...	...
...	56'579	-4'142	-4	E	...	...	51'201	+36'016	-3	...	...	*	44'769	+5'574	1'15	50. 786	9.9
...	56'520	-2'665	-3	E	...	*	51'084	+36'020	1'30	50. 783	9.4	...	43'689	-19'400	-2	...	...
E *	56'035	-32'101	1'10	5I. 7II	9.9	...	49'954	+59'533	-5	...	...	...	43'439	-15'886	1'05	5I. 713	10.2
...	55'751	-29'979	-2	E	...	†	49'943	-35'114	-2	...	...	...	43'356	-46'279	0'90	...	...
...	-55'665	-28'444	-4	p	...	...	-49'675	-58'637	-5	...	...	...	-43'127	-48'526	-2	...	...
...	55'546	-14'297	-4	...	...	S *	49'181	+52'408	1'40	50. 784	9.2	*	43'098	-52'960	1'20	5I. 714	10.2
...	54'671	-23'096	-2	E	...	...	48'907	-17'687	-5	p	...	...	42'705	-7'106	-1	...	...
...	54'075	-51'789	-4	...	...	...	48'574	-57'065	-5	...	...	...	42'576	-21'616	-5	...	...
...	53'794	-44'688	-5	p	...	...	48'283	-51'298	-5	p	...	...	42'296	-26'155	-5	p	...

MC measured from 1, 65, 113, 169, 234, 294.

MB " " 34, 94, 147, 201, 260, 323.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
61-120						121-180						181-240					
6I	-41'910	+27'817	-5	...	...	12I	-17'519	-55'381	-5	p	...	18I	+4'406	+40'633	-2	...	...
...	40'965	-39'938	0'85	...	...	...	17'073	+49'825	-2	...	...	...	4'650	-7'405	0'95	5I. 728	10'2
...	40'559	-13'404	0'90	...	...	...	16'768	-56'773	-2	...	...	†	4'793	+21'880	1'60	50. 801	9'0
...	40'191	-31'419	-5	p	...	...	16'501	+13'727	-3	...	...	...	4'870	+33'927	-2	...	...
*	39'837	-54'828	1'00	5I. 715	10'2	...	16'389	-46'940	-5	...	...	†	5'370	-15'126	-3	...	...
*	-39'356	+56'929	1'00	50. 787	10'2	...	-16'220	+33'100	-4	...	...	...	+5'605	-31'816	-2	...	...
...	39'275	+21'797	-3	...	...	...	16'091	-46'094	-5	p	...	...	5'732	+46'760	0'95	...	...
...	39'183	+52'968	-5	...	...	...	15'608	-27'762	-2	...	...	...	6'057	-59'811	-5	p	...
...	39'058	+33'044	-1	...	...	S *	15'509	-23'053	2'20	5I. 725	8'8	*	6'511	-41'672	1'00	...	...
...	38'990	-29'515	-2	...	...	...	14'593	-46'857	-2	...	...	...	6'719	+11'549	-5	m	...
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
...	-38'158	-37'897	-2	...	...	*	-14'542	+23'840	1'10	50. 792	9'9	...	+6'836	-29'489	-5	...	...
*	37'840	-10'386	1'10	5I. 716	10'0	...	14'369	+53'246	-5	...	...	...	7'109	-40'562	-5	...	...
*	37'795	+28'849	1'20	50. 788	9'9	...	14'016	-28'516	-3	...	...	...	7'306	-19'788	-4	...	...
...	36'860	+52'086	-3	...	...	...	13'788	+44'298	-5	...	...	...	7'513	+36'884	-5	m	...
...	36'144	+1'154	-2	...	...	...	13'185	-41'783	-5	p	...	...	7'612	-37'109	-5	p	...
...	-35'963	+27'515	-2	...	...	...	-13'019	-23'464	-1	...	...	*	+8'135	+39'585	1'00	50. 802	10'2
...	35'944	-25'857	-3	...	...	...	12'279	+16'688	1'00	50. 793	10'2	...	8'182	+14'274	-4	...	...
...	35'886	+1'535	-4	...	...	...	11'732	+12'189	-3	...	...	...	8'939	+25'536	-5	...	...
...	35'675	+16'916	-4	...	...	S *	11'372	+28'061	2'40	50. 794	8'4	S *	8'973	-42'577	3'40	5I. 729	7'4
...	35'512	+44'205	-2	...	...	...	11'370	+48'401	-1	...	...	*	9'556	+4'533	2'30	50. 803	8'8
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
...	-35'044	+53'808	-4	...	...	...	-11'086	+55'461	-4	...	...	...	+10'115	-29'243	-5	p	...
†	34'985	-1'844	1'30	5I. 717	9'2	*	10'661	-36'673	1'50	5I. 726	9'0	S *	11'488	-8'014	1'90	5I. 730	8'9
...	34'648	-17'836	0'95	5I. 718	10'1	...	10'589	+28'508	0'90	...	...	...	12'974	+41'547	0'65	...	...
...	34'480	-24'940	-3	...	...	...	10'579	+10'395	-2	...	...	...	13'306	+41'102	-1	...	...
S *	33'746	+12'195	2'60	50. 789	8'5	...	10'437	-6'479	-3	...	...	...	13'511	-41'932	-1	...	...
...	-33'568	-10'667	-3	...	...	...	-10'315	+50'436	-2	...	...	*	+14'012	+21'340	0'95	...	...
...	32'840	+45'086	-4	...	...	...	9'990	-49'869	-3	...	...	*	14'564	+17'507	1'05	50. 804	10'2
S *	32'414	-39'503	1'80	5I. 719	8'8	...	8'974	-28'531	-1	...	...	...	14'967	+6'766	-4	...	...
...	31'939	+32'199	-3	...	...	S *	8'965	+51'796	2'20	50. 795	8'4	...	15'007	+16'202	-5	...	...
...	31'697	-38'192	-2	...	...	...	8'718	+19'304	-2	...	...	...	15'266	+58'918	-1	...	...
9I	...	...	...	...	...	15I	...	...	...	...	...	21I	...	...	...	...	...
...	-31'435	-21'720	-3	...	...	...	-8'691	-5'825	-3	...	...	...	+15'327	+48'736	-3	...	...
...	31'431	-39'692	0'95	5I. 720	10'2	...	7'567	-3'233	-1	...	...	...	15'781	+19'385	-5	m	...
*	31'322	-6'518	1'10	5I. 721	9'6	...	7'416	+57'175	-4	...	...	*	15'804	-24'888	1'10	5I. 731	10'2
...	29'060	-13'614	0'75	...	...	...	7'155	-34'707	-4	...	...	...	15'938	-26'636	-5	p	...
...	29'016	-51'681	-5	p	...	...	6'348	-37'715	-5	p	...	...	16'255	+17'306	0'70	...	...
...	-27'892	+30'359	0'90	...	...	...	-5'562	+49'989	-5	...	...	...	+16'402	+31'296	-2	...	...
...	27'648	+42'686	-4	...	...	...	5'007	+25'404	-5	...	...	...	16'437	+41'909	0'70	...	...
*	27'437	-40'902	1'00	...	...	...	4'062	+50'110	0'80	...	...	...	16'465	-47'320	-5	...	...
...	26'719	+44'806	0'90	...	...	...	3'749	+10'852	2'40	50. 796	8'5	...	16'798	-51'113	-5	...	...
...	26'609	-3'692	-5	p	...	...	3'704	+50'382	-4	...	...	...	16'801	+37'869	-2	...	...
10I	...	...	...	...	...	16I	...	...	...	...	...	22I	...	...	...	...	...
*	-26'348	-12'658	1'30	5I. 722	9'6	...	-3'642	+58'142	0'90	...	...	...	+16'825	+33'790	-3	...	...
*	24'667	-53'786	1'05	5I. 723	10'2	*	3'121	-1'098	1'60	5I. 727	9'6	...	17'086	-32'869	-1	...	...
...	24'351	-18'064	-5	p	...	...	3'000	-57'420	-5	p	...	...	17'233	-25'288	-4	p	...
...	24'086	+57'130	-3	...	...	...	2'886	+52'191	-3	...	...	...	17'427	+33'884	0'90	...	...
...	23'171	+35'481	0'70	...	...	...	2'561	+4'172	-3	...	...	...	17'595	-32'748	-4	...	...
...	-22'923	-27'024	-4	...	...	*	-1'811	+28'527	1'10	50. 797	10'1	...	+17'812	+53'176	-3	...	...
...	22'276	-1'909	0'80	...	...	...	0'469	+18'660	-4	...	...	...	17'891	+6'371	0'80	...	...
*	21'868	-51'573	1'05	5I. 724	10'2	...	-0'266	+5'528	-4	...	...	*	17'913	-49'908	1'10	5I. 732	10'1
...	21'741	+52'717	-4	...	...	...	+0'233	+5'579	-3	...	...	...	18'359	-39'050	-5	p	...
...	21'710	-42'494	-4	...	...	...	0'330	-55'586	-3	...	...	...	18'775	+30'465	0'65	...	...
11I	...	...	...	...	...	17I	...	...	...	...	...	23I	...	...	...	...	...
*	-20'851	+23'326	2'00	50. 790	8'7	...	+1'298	-33'380	-4	...	...	*	+18'985	-41'909	2'40	5I. 733	8'5
...	20'502	+50'151	0'70	...	...	...	1'439	+46'736	-4	...	...	...	19'343	+58'757	-4	...	...
...	19'252	+24'445	-5	...	...	...	1'633	-54'362	0'90	...	...	...	19'649	-24'939	-3	...	...
...	19'225	+18'562	-5	...	...	...	1'749	-54'441	-5	p	...	...	20'033	+23'206	-4	...	...
...	19'090	-0'044	-5	...	...	...	2'639	-54'366	0'80	...	...	...	20'370	-35'531	-1	...	...
*	-18'999	+49'474	2'50	50. 791	8'5	...	+2'680	+55'382	-5	m	...	...	+20'488	-56'645	-4	...	...
...	18'623	+13'487	-1	...	...	...	3'161	+1'355	1'00	50. 799	9'9	...	20'497	-42'506	-4	p	...
...	18'224	-6'239	-4	...	...	...	3'265	+34'907	-2	...	...	...	21'070	-7'545	-3	...	...
...	18'080	-26'717	-5	p	...	*	3'953	+14'244	1'20	50. 800	9'9	...	22'970	-58'751	-1	...	...
...	17'674	-22'219	-4	...	...	...	4'141	+48'159	-2	...	...	...	23'025	+23'494	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
241-280						281-320						321-356					
24I	+23.140	+24.464	0.95	...	...	28I	+36.094	+50.643	-1	...	...	32I	+49.519	-12.820	1.00	5I. 743	10.0
...	23.871	-43.155	-4	<i>p</i>	...	...	36.212	-57.211	-5	<i>p</i>	...	...	49.610	-31.774	-2	...	...
...	24.642	-11.687	-4	...	...	*	36.915	+39.274	1.05	50. 808	10.2	...	50.342	+34.360	-4	...	...
*	24.996	+49.979	1.00	50. 805	10.2	...	37.121	-49.829	-1	...	...	...	51.393	-44.253	1.05	...	...
...	25.379	+44.228	-3	...	...	...	37.493	-46.930	-1	...	...	...	51.424	-53.131	-4	...	...
...	+25.452	+32.800	-5	<i>m</i>	...	...	+37.813	-12.499	-1	...	...	...	+51.589	-12.703	-2	...	...
...	25.483	+24.133	0.90	...	...	...	38.231	+5.906	-5	<i>m</i>	...	...	51.818	-45.392	-4	...	...
...	25.657	-10.796	-5	<i>p</i>	...	...	38.458	-52.148	-5	...	...	...	52.406	+49.220	-4	<i>m</i>	...
...	25.945	-19.089	-4	...	...	...	38.582	+16.736	-5	<i>m</i>	...	<i>e</i> *	52.591	-58.108	1.40	5I. 744	9.6
...	26.470	+21.642	0.85	...	...	...	39.029	-47.153	-5	...	...	...	52.843	+31.918	-3	<i>a</i>	...
25I	+26.528	+56.581	1.20	50. 806	10.0	29I	+39.058	+42.948	-2	...	...	33I	+53.346	-23.732	-5	...	...
*	28.140	+2.092	-3	...	...	S *	39.276	-50.389	2.90	5I. 741	8.3	...	53.520	+41.718	-3	<i>b</i>	...
...	28.170	+38.806	-5	<i>m</i>	...	...	39.673	-49.141	-4	...	...	...	53.865	+55.390	-5	...	...
S *	28.171	+6.903	1.05	50. 807	9.9	†	39.846	-35.062	1.00	5I. 742	9.9	...	54.051	+21.660	-1	...	...
...	28.292	-1.334	0.90	...	...	...	40.733	+22.847	-3	...	...	...	54.156	-19.645	-3	...	...
*	+28.314	-19.070	1.00	5I. 734	10.2	...	+40.836	-26.270	-3	...	...	...	+55.127	-40.608	0.85	<i>e</i>	...
...	28.351	-42.244	0.90	5I. 735	10.2	...	40.934	+35.854	-4	...	...	...	55.627	+34.048	-1	...	...
*	28.926	-46.670	1.20	5I. 736	9.6	...	41.035	+2.029	-4	...	...	...	55.645	+51.281	1.15	50. 812	9.8
...	29.526	-51.621	-4	...	...	...	42.254	+21.382	-5	<i>m</i>	...	S *	55.797	+17.631	4.40	50. 813	7.0
...	29.933	-55.465	-3	...	...	*	43.185	+8.344	1.30	50. 809	9.6	...	56.729	-17.749	-4	...	...
26I	+30.673	-47.775	1.50	5I. 737	9.0	30I	+43.718	+45.339	-2	...	...	34I	+56.817	-3.075	1.00	5I. 745	10.2
*	31.109	+22.050	0.90	...	...	...	44.020	+13.441	-2	...	...	<i>e</i> *	56.825	+21.415	-4	<i>m</i>	...
*	31.153	-32.376	0.95	...	...	...	44.060	+33.090	0.90	...	...	...	57.001	+34.994	-4	<i>m</i>	...
...	31.380	+11.628	-4	...	...	...	44.271	+34.493	-4	...	...	...	57.269	-52.876	-3	...	...
...	31.472	-51.366	-3	...	...	†	44.610	+55.788	-1	...	...	...	57.468	-41.682	-5	<i>p</i>	...
...	+31.569	+57.726	-1	...	...	...	+44.745	+6.463	-5	...	...	...	+57.800	-38.933	-5	<i>p</i>	...
*	31.675	-34.647	1.60	5I. 738	9.0	...	44.818	-28.021	-2	...	...	...	57.972	+35.618	-5	<i>m</i>	...
*	32.033	-23.354	1.60	5I. 739	9.0	S *	44.856	+31.598	2.50	50. 810	8.4	...	58.292	-34.386	0.65	<i>e</i>	...
...	32.159	+7.037	-1	...	...	...	45.210	-18.733	-3	...	...	...	58.294	+49.952	-3	...	...
...	33.002	+40.835	-4	...	...	...	45.222	+16.138	-2	...	...	...	58.708	-12.505	-4	...	...
27I	+33.029	-38.684	-5	...	...	31I	+46.195	+49.340	0.95	...	...	35I	+58.929	-0.981	0.80	<i>e</i>	...
...	34.163	+26.916	-5	<i>m</i>	...	...	46.663	-0.764	-3	...	...	...	58.936	+28.739	-5	<i>m</i>	...
...	34.442	-18.430	0.90	...	...	...	48.067	-53.903	-3	...	...	...	59.135	+32.925	-1	...	...
...	34.468	-11.311	0.85	...	...	...	48.731	-11.479	-2	...	...	...	59.240	-18.823	0.70	<i>e</i>	...
...	35.055	-8.028	-3	...	...	...	48.852	+48.294	-5	<i>m</i>	...	...	59.416	-48.854	-1	<i>e</i>	...
...	+35.267	-39.552	-4	...	...	...	+48.873	-42.885	-2	...	...	...	+59.563	+27.387	-4	...	...
...	35.327	-2.458	-3	...	...	...	48.933	-52.145	-4	<i>p</i>	...	...					
*	35.386	-38.394	1.30	5I. 740	9.4	...	48.935	-14.501	-5	<i>p</i>	...	...					
...	35.694	-41.940	0.70	...	...	...	49.074	-46.591	-2	...	...	...					
...	35.812	+58.877	-4	<i>a</i>	...	*	49.465	+36.866	1.50	50. 811	9.4	...					

1-10						11-20						21-30					
I	<i>x.</i>	<i>y.</i>	Diam.	C.P.D.	Mag.	II	<i>x.</i>	<i>y.</i>	Diam.	C.P.D.	Mag.	2I	<i>x.</i>	<i>y.</i>	Diam.	C.P.D.	Mag.
*	-59.750	+51.200	1.05	50. 812	9.8	...	-54.357	-0.881	0.65	E	...	S *	-50.392	-42.013	1.20	5I. 746	8.7
...	59.055	+33.976	-5	...	...	...	53.938	+8.788	-1	...	...	...	50.070	+49.484	-5	...	...
E *	58.348	-58.225	1.10	5I. 744	9.6	...	53.620	-34.289	-3	E	...	*	50.052	+4.630	1.00	50. 817	10.0
S *	58.213	+17.582	3.20	50. 813	7.0	...	53.320	-18.696	-4	E	...	*	49.682	+28.899	0.95	50. 818	10.1
...	57.031	+50.013	-5	...	...	...	52.498	+56.030	1.20	50. 815	8.9	...	49.085	-16.880	-4	...	...
...	-56.524	-40.636	-3	E	...	...	-51.897	-48.704	-5	E	...	...	-48.917	+25.432	-2	...	...
E	56.364	-3.058	0.80	5I. 745	10.2	n *	51.740	+48.367	1.20	50. 816	8.2	...	47.579	+24.787	-3	...	...
...	55.523	+32.998	-4	...	...	n *	51.734	+48.198	1.20	...	...	...	47.086	+4.823	-3	...	...
...	55.340	+50.605	-4	...	...	...	51.450	-29.706	-3	...	...	*	46.965	-56.495	1.20	5I. 747	9.6
†	54.964	+45.843	0.85	50. 814	10.1	...	51.281	-35.903	0.65	...	...	*	46.512	-58.245	0.90	5I. 748	9.9

MB measured from 1, 48, 89, 124, 160, 186.

MC " " 24, 72, 108, 138, 174, 205.

17, 18. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	z.	y.		No	Mag.		z.	y.		No	Mag.		z.	y.		No	Mag.
31-90						91-150						151-210					
3I	-45.774	-42.500	-5	p	...	9I	-18.615	+21.284	-5	...	...	15I	+14.773	+47.584	-5	...	...
...	45.046	-22.169	-1	...	...	...	17.694	+31.922	-3	...	...	...	16.785	-45.947	-5	p	...
...	44.839	-5.803	-4	...	...	...	17.681	-43.523	-5	...	...	*	16.898	-45.016	0.90	5I. 770	9.9
...	44.120	+32.516	-5	...	...	...	17.478	+9.887	-5	...	...	*	17.122	+5.472	1.80	50. 843	8.4
...	44.007	-18.097	0.80	5I. 749	10.2	...	16.752	+38.106	-3	...	...	...	17.164	-31.159	-3	...	...
...	-42.946	-36.257	0.90	5I. 750	9.8	...	-16.033	+46.120	-5	...	...	...	+17.493	-13.447	-2	5I. 771	10.2
...	42.872	+24.645	-3	...	...	...	14.558	-25.294	0.90	5I. 759	9.7	...	18.179	+8.587	-3	...	...
...	42.609	-7.062	-5	...	...	...	14.445	+13.393	-5	...	...	...	19.603	+11.632	0.90	50. 844	10.2
...	42.303	-34.024	-3	...	...	...	14.363	-7.079	-1	5I. 760	9.8	...	19.801	+38.153	0.70	...	...
*	41.641	+15.588	1.60	50. 819	8.6	...	13.620	-42.796	-5	p	...	...	21.211	-37.595	-5	p	...
4I	-41.139	+40.194	-4	...	...	10I	-13.558	+56.156	-5	...	...	16I	+21.944	+15.031	0.75	50. 845	10.1
...	41.123	+57.111	-5	...	...	...	12.655	-51.087	-1	...	...	S *	22.579	+6.502	2.20	50. 846	8.1
...	41.106	-33.637	0.90	5I. 751	10.2	...	12.544	-21.382	0.65	...	...	*	23.346	+12.548	1.20	50. 847	9.2
...	40.758	+14.707	-4	...	...	...	11.311	+5.018	-5	...	...	...	23.928	-18.929	0.90	5I. 772	9.9
...	40.749	-42.411	-3	...	...	...	11.262	+40.123	-2	...	...	...	25.501	-20.734	-2	5I. 773	10.2
*	-40.709	-42.691	1.00	5I. 752	9.9	...	-11.048	-26.806	-5	...	...	...	+26.935	+9.366	-5	...	...
...	40.236	+27.825	-4	...	...	...	10.403	-59.302	-5	...	...	...	27.076	-53.415	-5	p	...
...	39.548	-48.591	0.95	5I. 753	10.2	...	9.630	-37.504	-2	...	...	...	27.250	+37.300	0.70	...	...
...	39.495	+7.743	0.90	50. 820	10.0	...	9.408	-28.063	-1	5I. 761	9.8	*	27.460	-6.279	6.00	5I. 774	4.8
...	38.560	+44.943	-5	...	...	...	9.197	-28.829	-5	...	...	S *	28.176	-45.342	1.20	5I. 775	9.0
5I	-37.731	-18.920	-1	...	...	III	-8.793	+29.593	1.30	50. 829	8.8	17I	+28.235	+10.186	0.80	50. 849	10.2
...	37.363	-46.156	-3	...	...	S *	8.381	-24.550	-1	5I. 762	10.0	...	28.332	+52.503	0.70	50. 848	10.2
...	36.964	-11.389	-1	...	...	...	7.894	+28.512	0.95	50. 830	9.7	...	28.642	-51.040	-5	...	...
...	36.747	-56.872	0.70	...	...	...	7.855	+15.587	-3	...	...	*	30.650	-6.667	1.20	5I. 776	9.4
...	36.727	+13.068	0.80	50. 821	10.2	...	6.878	+55.252	-3	...	...	...	31.103	+38.078	0.90	50. 850	10.2
...	-36.326	-33.777	-3	...	...	*	-6.848	+55.427	1.00	50. 831	9.2	...	+31.155	+37.260	-4	...	...
...	35.692	-10.108	0.80	5I. 754	10.2	...	5.928	+24.109	-3	...	...	...	31.505	+37.095	-5	a	...
...	35.075	+21.952	-5	...	...	...	5.636	+52.718	-2	...	...	*	31.782	+55.244	1.20	50. 851	8.9
...	34.895	+0.001	-5	...	...	...	5.070	+57.663	-2	50. 832	10.2	*	32.140	+36.868	1.00	50. 852	10.0
...	34.423	+4.974	-5	...	...	...	4.778	-8.138	-1	5I. 763	10.2	...	32.681	-3.972	-2	...	...
6I	-34.220	-35.276	1.00	5I. 755	9.7	12I	-4.572	+56.672	-5	...	...	18I	+33.130	+27.152	-4	...	...
...	33.689	+32.864	0.70	...	...	...	2.346	-57.249	-4	...	...	...	33.234	-3.171	-3	...	...
...	33.640	+7.658	-5	...	...	S *	-0.899	-23.352	1.05	5I. 764	9.6	...	33.819	+38.231	-5	...	...
...	33.632	+16.947	-5	...	...	...	+1.146	+9.702	-1	50. 833	10.2	...	34.701	-51.481	-4	...	...
...	33.495	+16.978	-3	...	...	...	1.383	+18.127	-4	...	...	...	36.571	-42.055	-1	...	...
...	-32.967	+50.357	0.85	50. 822	10.2	*	+2.647	+53.667	1.20	50. 834	9.2	...	+40.039	+7.404	-2	...	...
...	31.697	+11.053	0.80	...	...	...	3.096	-35.248	-5	...	...	...	40.059	+56.462	-4	...	...
...	31.576	+5.665	-5	...	...	...	4.743	+58.030	0.90	50. 835	10.1	...	40.929	-35.954	-2	...	...
...	31.427	-29.392	-5	...	...	...	5.690	+26.643	-3	...	...	...	41.046	-4.229	-4	...	...
S *	30.493	-54.390	1.05	5I. 756	9.4	*	5.987	-59.036	1.00	5I. 765	9.6	...	42.047	+25.028	-3	...	...
7I	-30.482	+28.476	0.90	50. 823	10.2	13I	+6.249	+15.174	-1	50. 836	10.1	19I	+42.176	-7.674	0.90	5I. 777	10.0
...	29.807	-9.644	-3	...	...	...	6.509	+3.103	1.30	50. 837	9.0	...	43.419	-4.749	-5	p	...
N	29.289	-40.093	-3	...	...	*	7.493	+7.015	1.90	50. 839	8.6	*	43.691	-1.996	1.10	5I. 778	9.3
...	29.119	-10.127	-2	5I. 757	10.2	S *	7.610	+45.224	1.80	50. 838	8.4	...	44.938	-29.109	0.80	...	...
...	28.794	+37.238	-4	...	...	*	7.696	+0.651	2.00	5I. 766	8.6	...	45.616	+14.361	-4	...	...
S *	-28.566	+11.670	1.20	50. 824	8.9	...	+8.089	+30.299	-4	...	...	...	+46.139	-52.697	-1	...	...
...	28.564	-39.070	-4	...	...	*	9.102	-47.306	1.10	5I. 767	9.4	...	46.269	+2.233	0.70	...	...
...	28.245	-26.219	0.95	5I. 758	10.0	...	10.018	+34.148	-2	...	...	...	46.584	+18.682	-5	...	...
...	28.173	+40.396	-4	A	...	...	10.041	+42.666	0.85	50. 840	10.1	...	46.612	+28.590	-4	...	...
...	27.808	+52.838	-5	...	...	...	10.421	-11.105	1.00	5I. 768	9.8	*	47.680	-43.571	1.10	5I. 779	9.8
8I	-26.376	+2.074	1.20	50. 825	9.2	14I	+11.261	+42.929	-4	...	...	20I	+48.204	+21.779	-3	...	...
...	25.707	+13.818	-2	...	...	...	11.405	+44.615	-3	...	...	...	48.760	-21.862	-3	...	...
*	25.645	+56.686	1.50	50. 826	8.7	...	11.603	+27.247	-3	...	...	...	49.190	-0.132	0.95	5I. 780	9.8
...	24.938	+9.196	-4	...	...	...	11.783	+43.578	0.90	50. 841	10.1	...	49.333	+58.731	0.90	50. 853	10.0
...	24.744	-46.281	-4	...	...	...	12.322	-33.890	-4	...	...	...	50.369	+20.603	-5	b	...
...	-24.322	+18.681	-3	...	...	...	+12.499	-15.150	-5	...	...	...	+51.633	+18.705	-4	...	...
...	22.356	-27.107	-1	...	...	...	13.706	-16.261	-5	p	...	*	52.332	-4.493	2.30	5I. 781	8.0
*	20.988	+52.992	1.30	50. 827	8.9	...	14.083	-40.397	0.65	5I. 769	10.2	...	52.747	+11.227	-3	...	...
...	19.550	-27.391	-5	...	...	...	14.281	-53.452	-4	...	...	...	52.778	+11.512	0.80	...	...
*	18.875	+28.487	1.40	50. 828	8.8	*	14.753	+51.414	0.95	50. 842	9.9	...	53.518	+22.898	-3	...	...

73. Partly obscured by fault.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		...	No.
211-220						221-226											
2II						22I											
...	+53.789	-53.050	-5	...	...	Se *	+57.485	-38.350	1.15	51. 782	9.0						
*	53.980	+45.929	1.20	50. 854	9.5	...	57.497	-24.248	-4	<i>e</i>	...						
S	54.187	+57.121	1.00	50. 855	9.6	...	57.581	-33.771	-5	...	...						
...	54.310	+46.911	-4	...	...	...	58.150	-35.447	-4	...	...						
...	54.492	-0.858	-3	<i>e</i>	...	...	58.780	-45.080	-4	...	...						
...	+54.550	-4.875	-4	...	...	...	+59.140	+33.501	-5	...	...						
S *	54.921	+4.260	1.15	50. 856	8.8												
...	55.308	+24.448	-3	...	...												
...	56.505	-50.307	-5	<i>p</i>	...												
...	57.358	+32.685	-2	...	...												

1-40						41-80						81-120					
I						4I						8I					
...	-58.991	+24.365	-4	...	...	...	-38.392	-24.136	0.80	51. 789	10.0	...	-9.156	+51.932	0.65	...	...
S *	58.783	-0.945	-4	E	...	...	37.593	-51.545	0.80	...	...	n	9.085	-29.437	-2	51. 799	10.0
...	58.556	+4.183	1.20	50. 856	8.8	...	37.581	-49.576	-5	...	...	*	8.532	-45.685	1.20	51. 800	9.2
...	57.286	+32.676	-2	...	...	*	36.812	-3.444	1.00	51. 790	9.8	...	8.213	+23.746	-1	50. 871	10.0
...	54.819	-24.191	-4	E	...	†	36.095	-25.051	0.70	...	...	...	8.022	-19.043	-4	...	...
SE *	-54.254	-38.287	1.15	51. 782	9.0	...	-35.465	-2.075	-3	...	...	...	-6.111	-30.189	-2	51. 801	10.0
...	53.568	+22.005	-4	...	...	...	35.402	+15.053	0.70	50. 867	10.0	...	4.880	+8.488	-5	...	...
*	52.292	+15.401	1.00	50. 857	8.9	...	33.835	-16.584	0.70	...	...	...	3.037	+30.062	-5	...	...
...	51.589	+18.765	-4	A	...	*	31.618	-32.957	1.10	51. 791	9.5	...	2.268	-18.717	-4	...	...
...	51.577	-41.114	-3	...	...	...	31.544	+20.157	-3	...	...	...	1.976	+39.343	-3	...	...
II						5I						9I					
*	-51.564	+19.441	1.40	50. 858	8.6	...	-31.478	-9.829	0.65	...	...	...	-0.382	+50.915	-2	...	...
*	50.433	+42.645	1.40	50. 859	8.8	...	30.721	-35.570	-1	...	...	*	+0.303	+4.136	1.10	50. 872	9.4
...	49.214	+20.280	-4	...	...	...	30.612	+44.597	-1	...	...	...	0.731	-21.467	0.90	51. 802	10.0
...	49.060	+21.053	-4	...	...	...	29.373	-3.185	0.65	...	...	...	1.401	+37.202	0.65	...	...
*	48.884	+20.247	0.90	50. 860	9.8	...	28.947	+34.659	0.70	...	...	...	1.790	-18.916	-4	...	...
...	-48.812	+20.255	-2	...	...	*	-28.593	-4.494	1.30	51. 792	9.0	...	+1.911	-56.611	-2	...	...
*	48.242	-37.164	1.00	51. 783	9.8	...	27.554	+37.960	-3	...	...	...	2.156	-47.457	-4	...	...
...	47.322	+13.053	0.90	50. 861	10.0	*	26.432	-36.747	0.90	51. 793	10.0	...	2.246	+31.150	0.75	...	...
...	47.239	-20.629	0.90	51. 784	9.8	...	25.470	+33.790	-1	...	...	...	2.491	+51.242	-5	...	...
...	46.242	+35.722	-5	...	...	†	24.833	-25.019	0.75	51. 794	10.0	...	2.581	+27.764	-5	...	...
2I						6I						10I					
...	-46.156	+27.865	-3	...	...	...	-24.166	+22.697	0.80	...	...	SN*	+2.597	-39.828	1.30	51. 803	8.8
*	45.873	+20.641	1.00	50. 862	9.3	...	23.963	-3.937	-5	...	...	...	3.713	+47.326	-5	...	...
...	44.730	-3.243	-1	51. 785	10.0	...	23.055	+33.204	0.90	50. 868	10.0	...	4.093	+32.160	-1	...	...
...	43.763	-0.351	-1	51. 786	10.0	*	22.137	-43.996	1.05	51. 795	9.5	...	4.546	-55.078	0.95	51. 804	10.0
...	43.338	+8.639	-4	...	...	*	21.673	+36.252	3.00	50. 869	7.5	...	5.091	+7.624	-5	...	...
...	-43.279	-32.246	-5	p	...	...	-21.175	-57.454	-2	...	...	*	+5.110	-9.809	1.10	51. 805	9.4
...	42.949	-25.553	-5	p	...	*	20.192	-34.252	0.85	51. 796	10.0	...	6.779	-1.868	1.10	51. 806	9.5
...	41.708	+48.698	-4	...	...	...	18.867	+42.392	-3	...	...	...	7.606	+55.877	0.70	...	...
...	41.569	-44.368	-4	...	...	...	18.753	-22.763	-5	p	...	...	7.799	+55.671	-2	...	...
...	41.498	-32.194	-4	...	...	S *	18.442	-51.611	1.10	51. 797	8.9	...	8.001	+33.736	-5	...	...
3I						7I						III					
...	-41.167	-20.515	0.80	51. 787	10.0	...	-16.560	+13.488	-2	...	...	...	+8.402	-27.383	-1	...	...
*	40.731	+6.393	1.20	50. 863	8.8	...	14.752	-49.773	-3	...	...	...	8.431	-34.161	-5	p	...
...	40.585	+59.453	0.90	50. 864	10.0	...	13.835	+20.069	-4	...	...	...	9.185	-7.928	1.00	51. 807	9.7
...	40.572	+8.437	0.70	...	...	S *	12.960	-0.265	2.50	51. 798	7.9	...	11.773	-44.439	0.75	...	...
S †	39.988	+36.144	1.20	50. 865	8.8	...	12.940	-10.897	-5	p	...	...	12.026	-27.855	-5	p	...
†	-39.973	-1.752	0.90	51. 788	10.0	...	-12.607	+6.756	-5	...	...	...	+12.365	-33.583	0.85	51. 808	10.0
...	39.701	-14.166	-1	...	...	S *	12.409	+23.783	1.20	50. 870	8.9	*	13.334	+41.187	1.05	50. 873	10.0
...	39.621	-13.189	-1	...	...	...	12.359	-42.501	0.65	...	...	...	13.729	+30.082	-4	...	...
*	39.609	+4.162	1.10	50. 866	9.4	...	12.107	-53.902	-5	p	...	...	16.511	+42.593	-5	...	...
...	38.519	+4.558	-4	...	...	n	9.210	-29.556	-1	51. 799	10.0	...	16.817	-33.098	0.65	...	...

MC measured from 1, 68, 123.
MB " " 35, 92, 168.

80, 82. C.P.D., possibly mass.
101. Remeasure 1916, $\pi = 2'608$.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	z.	y.		No	Mag.		z.	y.		No	Mag.		z.	y.		No	Mag.
121-150						151-180						181-208					
121						151						181					
...	+18'809	+52'941	0·70	...	...	...	+33'322	+34'072	-3	...	...	...	+46'342	-24'203	0·70	...	...
S *	19'074	+42'272	1·05	50. 874	9·3	...	33'495	+54'950	-2	...	...	...	46'453	+11'880	0·80	50. 887	10·0
...	21'647	-49'345	-5	...	...	*	33'838	+40'121	0·90	50. 882	10·0	...	47'004	+33'729	0·70	...	...
...	21'736	+32'987	-3	...	...	...	35'374	+7'170	-4	...	...	*	47'491	+15'288	1·00	50. 888	9·5
...	21'799	+35'301	-3	...	...	...	35'546	-3'765	-2	...	...	...	48'047	+30'280	-3	...	...
...	+21'846	+17'160	0·75	50. 876	10·0	...	+35'601	-26'523	-3	...	...	*	+49'331	+23'021	1·00	50. 889	9·8
*	21'906	+35'296	1·00	50. 875	9·3	...	35'621	+31'607	0·85	50. 883	10·0	...	49'615	+38'918	-5	...	...
...	22'246	+43'465	-5	...	...	*	36'088	+1'295	1·00	50. 884	9·7	†	49'684	+35'746	0·65	...	...
...	22'483	-4'619	-3	51. 809	10·0	...	36'379	-3'037	0·95	51. 812	9·7	...	49'873	+1'736	-3	...	...
*	22'556	+42'384	1·30	50. 877	8·9	...	36'709	-23'082	-3	...	...	*	49'876	+17'483	1·10	50. 890	9·4
131						161						191					
...	+22'856	-54'037	0·75	...	...	*	+36'892	-39'372	0·90	51. 813	9·5	...	+49'938	+30'028	-5	...	...
...	22'885	-7'576	-2	...	...	...	37'641	-21'249	-2	...	...	...	50'986	-28'520	-3	...	...
...	22'944	-37'663	-2	...	...	...	38'138	+41'199	-4	...	...	*	52'583	-5'838	1·00	51. 822	9·8
...	23'578	+27'213	-5	...	...	...	38'244	+30'912	-3	...	...	...	52'602	+25'197	-5	...	...
...	23'975	+32'130	-3	...	...	*	38'731	-19'924	1·00	51. 815	9·5	...	53'962	+15'180	-4	...	...
S *	+24'489	+18'838	1·15	50. 878	9·0	...	+38'844	-0'868	1·00	51. 814	9·6	e	+54'530	-52'732	0·85	51. 824	10·0
...	24'983	-40'466	-3	...	...	S †	39'675	-28'434	1·80	51. 816	8·2	...	54'769	-3'687	-4	e	...
S *	25'169	-13'834	3·20	51. 810	7·4	*	40'427	+38'690	1·00	50. 885	10·0	...	54'948	+25'413	0·70	50. 891	10·0
...	25'191	-11'611	-4	...	...	...	41'302	-54'471	-3	...	...	...	55'271	+15'348	0·65	...	...
...	25'406	-8'138	-2	...	...	...	41'604	+45'597	0·80	50. 886	10·0	†	55'283	-50'067	-4	e	...
141						171						201					
...	+25'844	+34'079	-4	...	...	*	+41'651	-58'117	1·10	51. 818	9·6	...	+55'290	+40'155	0·75	...	...
...	26'873	+56'367	-4	...	...	*	42'040	-13'505	4·00	51. 817	6·6	...	55'439	-17'364	-4	e	...
...	27'002	-39'490	-4	...	...	*	42'119	-31'704	1·05	51. 819	9·5	...	55'458	+38'228	-3	...	...
...	27'033	-8'507	-3	...	...	...	42'263	-3'953	0·65	...	...	S *	55'805	+23'594	1·10	50. 892	9·0
...	27'818	+41'970	0·85	50. 879	10·0	...	42'949	-12'582	0·70	51. 820	10·0	...	56'776	+46'601	-5	...	...
...	+29'648	-16'858	-2	...	...	...	+43'046	+52'698	-3	...	...	...	+57'184	-59'852	-5	e	...
...	30'169	+20'008	-4	...	...	†	44'106	-20'049	-2	...	...	...	57'641	+57'620	0·75	...	...
*	30'646	+41'073	1·20	50. 880	9·3	...	44'179	+43'650	-4	...	...	...	58'500	+24'588	0·90	50. 893	10·0
*	30'798	+15'208	0·95	50. 881	9·7	...	44'470	-16'824	-1	...	...	...					
...	31'852	-7'265	-2	51. 811	10·0	S*	45'949	-51'424	1·20	51. 821	8·9						

1-20						21-40						41-60					
I †	-59'957	+15'054	-4	°	...	2I *	-52'450	-16'632	0·75	°	...	4I ...	-44'299	-10'017	-3	°	...
...	59'798	-44'326	-3	...	...	...	51'990	+21'404	-4	...	...	...	44'174	+45'075	-3	...	...
...	59'647	+40'070	0·80	...	...	...	50'689	-6'018	-5	p	...	...	44'005	+10'628	-4	...	...
...	59'398	+38'136	-3	...	...	...	50'234	-5'336	-5	...	...	...	43'883	-36'934	-3	...	...
...	59'375	+25'307	0·70	50. 891	10·0	...	49'617	+37'346	-2	...	...	...	42'905	-57'438	-1	...	...
...	-58'669	+15'278	0·70	...	...	*	-49'163	-21'930	1·00	51. 825	9·7	S *	-42'735	+41'046	1·00	50. 895	9·2
S *	58'466	+23'536	1·10	50. 892	9·0	...	48'874	-21'781	-4	...	...	...	41'912	-28'339	-4	...	...
...	58'377	-3'762	-3	E	...	...	48'759	-36'150	-1	...	...	...	41'475	+46'057	0·75	50. 896	10·0
...	58'006	-9'805	-4	...	...	*	47'737	-0'838	1·00	51. 826	9·4	S *	41'088	-5'790	2·70	51. 828	7·7
...	57'999	+57'615	-1	...	...	...	47'619	-19'581	-4	...	...	...	39'698	+35'316	0·80	50. 897	10·0
II						3I						5I					
...	-57'166	-17'395	-4	E	...	...	-47'552	-1'554	-5	p	...	...	-39'598	+53'173	-5	...	...
E *	56'622	-52'778	1·00	51. 824	10·0	...	47'134	-3'077	-2	...	...	...	38'410	+28'924	-5	...	...
...	55'976	-50'088	-1	E	...	*	46'740	+30'167	1·00	50. 894	9·3	*	38'208	+1'037	1·20	50. 898	9·2
*	55'790	+24'645	1·00	50. 893	10·0	...	46'537	+36'880	-3	...	...	...	37'435	-52'127	0·70	...	...
...	55'466	+20'078	-5	...	...	*	46'354	-7'241	1·10	51. 827	9·3	...	35'722	+13'287	-5	...	...
...	-54'644	-23'170	-5	p	...	...	-46'063	-27'333	0·70	...	...	...	-35'597	+14'199	-5	...	...
...	54'509	-17'089	-5	p	...	...	45'603	+36'823	-5	...	...	...	35'353	-50'599	-3	...	...
...	54'391	+16'647	-5	...	...	†	45'100	-27'887	-3	...	...	†	34'983	-54'971	1·00	51. 829	9·4
...	53'681	-59'783	-5	E	...	†	45'013	+10'681	-3	...	...	...	34'482	+47'161	0·65	...	...
...	53'057	+1'617	-3	...	...	...	44'650	+19'962	-4	...	...	...	34'436	+46'956	0·70	...	...

MB measured from 1, 50, 82, 138.
MC " " 25, 66, 107, 164.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
61-120						121-180						181-233					
6I	-34°062	+34°423	-4	...	...	12I	-1°438	+51°586	0.95	50. 907	9.8	18I	+37°973	+28°303	-2	...	...
...	33°885	+57°379	-4	...	...	S *	1°134	-48°242	1.00	51. 845	9.6	*	39°126	-33°791	0.90	51. 865	10.0
...	33°132	+11°232	-4	...	...	†	0°753	+24°751	0.75	50. 909	10.0	...	39°158	-53°801	-2	...	...
...	31°298	-38°350	0.75	51. 830	10.0	...	-0°608	-19°427	-2	51. 846	10.0	...	39°238	-17°636	-1	51. 864	10.0
...	30°301	+42°926	-4	...	...	...	+0°782	+39°045	-5	...	...	...	39°472	-2°927	-3	...	...
*	-30°021	-28°055	1.00	51. 831	9.6	...	+0°967	+15°597	0.80	50. 910	9.8	...	+39°784	-31°123	-5	p	...
...	29°441	+58°819	-4	...	...	...	1°356	+12°849	0.80	50. 911	10.0	...	39°929	+18°939	0.70	...	...
...	29°125	+51°238	-4	...	...	*	4°157	-49°295	1.00	51. 847	9.5	...	40°068	+38°194	0.80	50. 923	10.0
...	28°503	+12°070	-1	50. 899	10.0	*	4°386	+20°590	1.80	50. 912	8.6	*	40°427	+25°200	1.00	50. 924	9.2
...	28°091	+27°525	-2	...	...	...	4°973	+33°486	-5	...	...	...	41°255	+12°038	-2	...	...
7I	-26°539	-17°704	1.30	51. 832	9.0	13I	+5°279	-47°486	0.95	51. 848	9.7	19I	+41°419	+15°840	-4	...	...
*	26°402	+52°462	-4	...	...	*	5°885	+58°321	-3	...	...	S *	42°589	-8°537	1.60	51. 866	8.5
...	25°861	+25°402	-5	...	...	...	6°576	+26°377	-2	...	...	...	43°166	-35°723	0.80	51. 867	10.0
*	25°629	+28°430	0.90	50. 900	10.0	...	7°139	-29°719	-2	51. 849	10.0	...	43°290	-19°749	-5	p	...
*	23°728	+39°456	0.90	50. 901	9.8	...	8°530	+24°543	0.85	50. 914	9.8	...	43°375	-29°698	-3	...	...
...	-23°151	-26°234	0.90	51. 834	10.0	...	+8°566	-47°077	-5	...	...	...	+45°309	+55°218	-3	...	...
...	22°493	+16°882	-3	...	...	...	9°322	-39°043	-3	...	...	...	45°599	-13°822	-5	p	...
...	22°200	+8°405	-5	...	...	...	9°918	+32°991	-4	...	...	...	45°963	+8°911	-5	...	...
...	21°514	-59°859	-2	...	...	*	10°166	+31°030	1.15	50. 915	9.4	...	46°903	-2°044	-5	p	...
...	21°044	-45°098	-4	...	...	S *	10°558	-22°238	2.50	51. 850	8.1	...	47°652	-26°871	-3	...	...
8I	-20°522	+46°822	-4	...	...	14I	+10°765	-41°450	-3	...	...	20I	+47°860	-43°362	-5	p	...
...	18°666	-48°790	-5	p	...	...	11°440	+3°047	-5	...	...	...	48°826	+36°033	0.70	50. 925	10.0
...	18°505	+45°108	0.75	...	...	...	13°622	+37°070	-4	...	...	*	48°847	-56°699	1.20	51. 868	9.0
...	17°270	-41°233	0.90	...	...	*	15°013	+21°153	0.90	50. 916	10.0	*	49°570	+59°281	1.10	50. 926	9.2
...	17°140	+33°875	1.00	50. 902	9.8	...	15°083	-9°651	-1	51. 851	10.0	S *	50°135	-38°627	2.95	51. 869	7.6
*	-16°730	+45°136	1.00	50. 903	10.0	*	+15°463	-23°140	1.40	51. 852	8.9	...	+50°287	-43°555	-1	51. 870	10.0
...	16°368	+42°285	1.00	50. 904	10.0	...	16°765	-49°351	0.70	51. 854	10.0	...	50°329	+11°590	-2	...	...
...	15°975	+56°471	-5	...	...	†	16°903	-10°121	0.80	51. 853	10.0	...	50°451	+4°889	-2	...	...
...	15°947	-27°436	0.75	51. 835	10.0	*	17°196	-12°512	1.60	51. 855	8.5	...	50°645	-37°617	-5	p	...
*	15°622	-4°127	1.40	51. 836	9.0	*	18°761	+19°276	1.10	50. 917	9.4	...	50°858	+31°512	0.80	50. 927	10.0
9I	-15°259	+28°262	0.95	50. 905	10.0	15I	+20°770	+37°730	-3	...	...	21I	+51°433	-10°132	-4	...	...
...	14°904	+43°547	-3	...	...	...	21°007	+19°558	1.10	50. 918	9.4	...	51°769	+0°057	-4	...	...
*	14°772	-9°840	1.30	51. 837	9.0	*	21°157	-33°104	0.65	...	...	S *	52°330	+38°779	1.10	50. 928	9.3
...	14°630	+13°616	-2	...	...	...	23°235	+27°696	0.65	...	...	...	53°092	-34°796	-3	e	...
...	14°627	-41°943	-5	...	...	...	23°857	-41°440	0.65	...	...	...	54°771	+42°194	-4	...	...
S *	-14°354	-36°971	1.20	51. 838	8.9	*	+24°986	+43°167	1.10	50. 920	9.3	...	+54°779	-0°656	-4	e	...
...	14°337	-29°933	-3	...	...	*	25°049	+55°025	1.00	50. 919	9.8	e *	55°028	-33°784	1.30	51. 871	8.8
...	13°626	-44°746	-4	...	...	...	28°139	-26°671	-5	...	...	...	56°175	-46°253	-5	...	...
...	12°197	-2°520	-3	...	...	*	28°853	-25°244	1.05	51. 856	9.6	...	56°248	-58°030	-5	...	...
*	12°025	-4°467	1.10	51. 839	10.0	...	28°863	-36°931	-3	...	...	e	56°465	-32°308	0.80	51. 872	10.0
10I	-11°750	+41°650	1.10	50. 906	9.8	16I	+28°916	+52°140	-4	...	...	22I	+56°509	-45°093	-4	...	...
...	11°569	-22°010	0.85	51. 840	9.7	*	29°060	-39°618	1.15	51. 857	9.2	...	56°567	+55°758	-4	...	...
...	11°467	-17°599	-5	...	...	...	29°558	-38°635	-5	...	...	Se *	56°802	-58°593	1.20	51. 873	9.3
...	11°366	+36°449	0.70	...	...	...	31°577	-14°435	-1	...	...	e †	58°192	-10°179	0.80	51. 874	10.0
*	11°029	-23°402	1.20	51. 841	8.9	...	31°855	+37°277	-3	...	...	...	58°203	+2°831	0.65	...	...
†	-10°827	-20°025	-5	...	...	...	+32°137	+27°083	-1	...	...	*	+58°740	+48°704	1.00	50. 929	9.7
...	9°835	+39°853	0.65	...	...	*	32°844	-34°553	1.60	51. 858	8.5	...	58°948	+15°967	0.85	50. 933	10.0
...	8°958	+56°277	-4	...	...	S *	32°936	+13°822	2.60	50. 921	7.8	...	59°059	-15°404	-1	e	...
*	8°529	-36°819	0.95	51. 842	9.6	...	33°648	+48°917	-3	...	...	*	59°104	+9°021	1.00	50. 934	9.7
...	8°212	-54°535	-4	...	...	*	33°653	-53°435	1.00	51. 859	9.4	*	59°198	+30°075	1.00	50. 932	9.4
11I	-8°016	+37°358	-5	...	...	17I	+34°287	+33°807	-2	...	...	23I	+59°325	+57°471	1.00	50. 930	9.7
...	7°414	-10°184	-3	...	...	†	34°682	-34°729	0.90	51. 860	9.6	e	59°337	-46°578	-1	51. 875	10.0
*	7°279	-37°505	0.95	51. 843	9.7	...	35°732	-57°596	-3	...	...	...	59°518	+49°887	0.90	50. 931	9.8
...	6°271	-6°312	-3	...	...	...	35°787	-14°871	-2	...	...	...					
...	5°917	-45°074	-2	...	...	...	36°420	+10°553	-4	...	...	...					
...	-4°629	+41°518	-1	...	...	...	+36°432	-51°156	0.85	51. 861	10.0	...					
*	3°609	-40°218	1.30	51. 844	8.9	...	36°862	+51°066	-4	...	...	...					
...	3°076	-33°242	-5	...	...	...	37°393	-11°314	0.80	51. 862	10.0	...					
...	2°933	+58°579	-4	...	...	*	37°937	+51°189	1.00	50. 922	9.6	...					
S *	1°518	+1°339	1.60	50. 908	8.5	...	37°969	-54°863	-5	p	...	...					

C.P.D., 50°913, invisible. Var. L = 9°0 - < 11°0.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-159					
I	-58°810	-34°925	-5	E	...	61	-23°084	+54°482	-4	...	...	121	+34°628	-6°241	-5	...	...
...	58°496	-0°745	-5	E	...	†	20°784	+14°829	0°70	50. 949	9·7	...	34°842	-13°861	-1	...	...
E*	56°888	-33°828	1°40	51. 871	8·8	...	20°142	-35°648	-5	...	...	...	34°863	+5°729	-4	...	...
...	56°566	+48°754	0°95	50. 929	9·7	...	19°121	+50°662	0°75	50. 950	10·0	...	34°936	+5°144	-3	...	...
...	56°329	+57°532	0°90	50. 930	9·7	...	19°052	-9°473	-1	51. 890	10·0	S*	35°211	+31°295	2°30	50. 965	7·8
...	-55°840	+49°966	0°85	50. 931	9·8	...	-17°456	+21°237	0°90	50. 951	9·8	...	+35°638	-17°918	0°85	51. 904	10·1
E	55°518	-32°306	0°80	51. 872	10·0	...	17°241	+1°232	-2	50. 952	10·1	†	36°078	-30°060	1°10	51. 905	9·6
*	55°332	+30°149	1°00	50. 932	9·4	...	17°081	+55°506	-4	...	...	...	36°517	+8°017	0°75	50. 966	9·8
...	55°221	+2°888	-3	...	...	...	16°422	-39°254	-1	51. 891	10·1	*	39°394	+59°399	1°40	49. 941	8·9
†	55°117	+48°755	1°00	50. 935	9·6	...	15°996	-40°072	-1	51. 892	10·2	*	39°436	+57°490	1°95	50. 967	8·2
II	...	...	...	...	...	71	...	...	...	...	...	131	...	...	...	...	...
†	-55°038	+16°039	-1	50. 933	10·0	S*	-15°934	+40°959	2°70	50. 953	6·8	*	+40°997	+47°191	1°10	50. 968	9·5
E	54°715	-10°098	-1	51. 874	10·0	...	15°797	+53°691	-1	...	...	†	41°851	-39°951	-5	...	...
*	54°585	+9°107	1°00	50. 934	9·7	...	14°044	+6°274	-3	...	...	†	43°492	+14°876	-5	...	...
SE*	54°119	-58°557	1°05	51. 873	9·3	...	10°946	-16°687	-5	...	...	...	43°647	+36°498	-4	...	...
...	53°627	-15°290	-2	E	...	...	10°143	-51°363	-4	...	...	...	45°913	-9°068	-4	...	...
...	-53°258	+14°607	-3	...	...	...	-9°946	-56°706	-5	...	...	...	+46°114	-32°656	0°95	51. 906	10·0
...	52°795	-6°945	-3	...	...	...	9°734	-18°798	0°90	51. 893	9·8	S*	46°212	-47°266	1°40	51. 907	8·6
...	52°461	+1°552	-5	...	...	...	8°123	+34°797	1°10	50. 954	9·2	...	47°643	-22°540	-2	...	...
E	52°075	-46°441	-2	51. 875	10·0	...	7°180	-42°837	-3	...	...	*	48°562	-2°945	1°10	51. 908	9·4
...	51°781	+40°648	-1	50. 936	10·0	S*	6°195	+8°969	1°50	50. 955	8·4	...	48°773	-36°482	-5	...	...
21	...	...	...	...	...	81	...	...	...	...	...	141	...	...	...	...	...
...	-51°587	+50°071	-3	50. 937	10·0	*	-2°926	-20°609	1°05	51. 894	9·4	*	+49°062	+45°434	1°10	50. 969	9·6
...	51°082	-19°238	-1	51. 876	10·0	...	-0°977	-13°828	-4	...	...	...	49°731	+37°249	0°80	50. 970	10·1
...	50°764	+58°411	-3	...	...	†	+0°153	-20°045	-5	...	...	S†	49°921	-5°079	1°50	51. 909	8·4
...	50°483	-22°896	-4	...	...	S*	1°792	-44°914	1°00	51. 895	9·4	...	50°697	-36°224	-3	...	...
...	49°583	+8°728	-3	...	...	...	2°341	+31°271	-4	...	...	...	50°833	+39°303	-5	...	...
...	-47°637	-41°126	0°80	51. 877	10·0	...	+4°364	+40°860	0°90	50. 956	10·1	...	+50°878	+54°190	0°75	50. 971	10·2
...	47°302	-20°963	-4	...	...	...	6°214	+21°053	-3	...	...	...	50°883	+37°699	-4	...	...
...	45°538	+17°765	0°80	50. 938	10·0	...	6°892	-54°444	-3	...	...	...	51°224	+41°801	-3	...	...
...	44°521	+40°775	1°00	50. 939	9·6	...	7°010	+47°563	0°95	50. 957	9·9	...	51°796	+4°786	1°00	50. 972	9·6
*	44°251	-2°126	1°05	51. 878	9·4	...	7°986	-29°013	0°95	51. 897	10·1	...	53°030	-59°649	-4	e	...
31	...	...	...	...	...	91	...	...	...	...	...	151	...	...	...	...	...
...	-41°421	+11°976	-5	...	...	...	+8°126	+36°067	-1	...	...	e	+53°096	-18°917	0°70	51. 910	10·2
*	41°287	-24°417	1°05	51. 879	9·4	...	8°532	-42°968	-3	...	...	...	53°309	-28°336	-3	e	...
...	41°199	+56°253	-1	50. 941	10·0	...	10°509	-32°459	-3	...	...	e*	54°293	-11°005	0°85	51. 911	10·1
*	40°967	+3°236	1°20	50. 940	8·9	...	11°805	+42°724	1°00	50. 958	9·2	...	55°623	+2°490	1°00	50. 974	10·1
...	40°254	-59°257	-4	...	...	S*	13°826	-11°279	3°70	51. 898	7·0	...	55°959	+22°976	0°80	50. 973	10·2
...	-39°963	-14°111	0°65	51. 880	9·8	...	+16°809	+27°331	-5	...	...	...	+56°869	+0°558	-3	...	...
...	39°199	-37°972	0°65	51. 881	10·0	*	17°781	+28°370	1°30	50. 959	8·6	e	57°375	-52°940	-1	51. 912	10·2
...	38°921	+53°708	-4	...	...	...	19°004	-27°768	-5	...	...	...	58°446	+46°429	0°75	50. 975	10·2
...	37°428	-59°399	-3	51. 882	10·0	...	19°232	+6°477	1°00	50. 960	9·4	...	58°459	+5°274	-1	...	...
...	36°281	+23°018	-1	...	...	...	19°444	-46°523	-4	...	...	...	...	...	...	...	...
41	...	...	...	...	...	101	...	...	...	...	...	...	...	...	...	...	...
...	-35°785	+5°455	-3	50. 942	10·0	...	+19°676	+18°264	-4	...	...	...	...	...	...	...	...
*	35°281	-13°094	1°20	51. 883	8·8	...	19°759	-37°075	1°00	51. 899	9·5	...	...	...	...	...	...
†	34°270	+14°853	-5	...	...	...	20°742	-17°279	0°90	51. 900	9·8	...	...	...	...	...	...
...	33°435	+40°298	-2	...	...	*	21°312	+5°040	1°20	50. 962	9·0	...	...	...	...	...	...
...	32°447	+28°634	-5	...	...	S*	21°647	+56°961	2°00	50. 961	8·0	...	...	...	...	...	...
...	-31°403	+27°437	0°80	50. 943	10·0	...	+21°796	-24°039	-3	...	...	...	...	...	...	...	...
...	30°197	-22°890	0°75	51. 884	9·8	...	22°177	-38°199	-3	...	...	...	...	...	...	...	...
*	29°965	+37°579	1°00	50. 944	9·4	...	22°800	-42°242	-4	...	...	...	...	...	...	...	...
...	29°291	+0°893	-3	50. 945	10·0	...	25°673	+43°829	-3	...	...	...	...	...	...	...	...
...	28°996	+8°843	0°90	50. 946	10·0	*	27°234	-7°623	1°00	51. 901	9·2	...	...	...	...	...	...
51	...	...	...	...	...	111	...	...	...	...	...	...	...	...	...	...	...
*	-28°389	-45°125	1°00	51. 885	9·4	...	+27°444	-47°163	1°00	51. 902	9·6	...	...	...	...	...	...
...	28°179	+51°138	-5	...	...	...	27°684	-34°834	-4	...	...	...	...	...	...	...	...
...	27°088	-3°520	-3	51. 886	10·0	...	28°270	+7°002	-3	50. 963	10·2	...	...	...	...	...	...
...	26°710	+18°519	-4	...	...	...	29°821	-28°382	1°05	51. 903	9·2	...	...	...	...	...	...
*	24°485	-25°953	1°10	51. 887	9·0	...	31°178	+10°482	-1	...	...	...	...	...	...	...	...
*	-24°263	+31°654	1°30	50. 948	8·8	...	+32°069	+12°273	-5	...	...	...	...	...	...	...	...
...	24°183	-35°360	-5	...	...	*	32°390	+49°625	2°00	50. 964	8·4	...	...	...	...	...	...
...	24°098	+5°765	0°80	50. 947	9·5	...	32°944	+25°246	-3	...	...	...	...	...	...	...	...
S*	24°085	-24°158	2°30	51. 888	7·9	...	33°257	-30°540	-2	...	...	...	...	...	...	...	...
*	23°664	-14°048	2°10	51. 889	8·2	...	34°429	-31°704	-4	...	...	...	...	...	...	...	...

MC measured from 1, 48, 83.
MB " " 29, 73, 114.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		5.	No.
1-60						61-120						121-180					
I						6I						I2I					
E	-59.452	-19.051	-1	51. 910	10.2	...	-31.813	-26.010	-2	...	...	...	-6.803	+17.322	-2	...	...
...	58.956	-54.756	-3	...	...	...	31.783	+43.504	0.85	50. 982	10.2	...	6.732	-10.684	-3	...	...
...	58.853	-28.449	-3	E	...	...	31.144	+38.247	-3	...	...	...	6.223	-2.090	0.85	51. 933	9.8
E	58.577	-11.092	0.90	51. 911	10.1	...	30.783	-7.362	-1	...	...	...	6.148	+15.901	-3	...	...
...	58.290	+22.928	0.85	50. 973	10.2	...	29.193	-28.519	0.65	...	...	†	4.949	-19.485	-4	...	...
...	-57.861	-59.742	-3	E	...	...	-29.006	+50.254	-5	...	...	...	-4.832	+48.607	-5	...	...
...	57.783	+2.446	0.90	50. 974	10.1	*	28.876	-2.325	1.00	51. 919	10.1	...	4.625	-13.685	-2	51. 934	10.1
...	56.754	+46.453	-1	50. 975	10.2	...	27.085	-14.922	-4	...	...	...	4.570	+41.355	-5	...	...
...	56.457	+0.556	-3	...	...	...	26.979	-13.321	-5	...	...	...	4.442	+51.216	-4	...	...
...	55.879	+22.585	-5	...	...	...	26.979	+47.117	0.85	50. 983	10.1	...	3.783	-18.279	-4	...	...
II						7I						I3I					
...	-55.301	+16.296	-5	A	...	...	-26.517	-43.502	-2	...	...	...	-3.339	-56.124	-3	...	...
...	55.079	+5.333	0.65	...	...	...	26.511	-41.930	-4	...	...	...	2.132	-38.374	-3	...	...
...	54.352	-15.415	-5	...	...	*	25.540	+49.939	1.60	50. 984	5.9	*	2.001	-38.323	1.10	51. 935	8.8
E	53.790	-52.867	-1	51. 912	10.2	†	25.373	+49.800	3.40	...	...	...	1.897	-52.403	-3	...	...
...	51.979	-8.933	-4	...	...	...	24.850	+17.399	-5	...	...	...	1.895	-34.593	-1	51. 936	10.1
...	-51.712	-45.781	0.90	51. 913	10.1	*	-24.355	-58.268	1.20	51. 920	9.5	...	-0.732	+5.590	-3	...	...
...	51.416	-16.525	-1	...	...	†	24.115	-10.216	-3	51. 921	10.2	...	0.713	-4.031	-4	...	...
...	51.060	+43.019	-1	50. 977	10.2	S *	23.121	+8.143	1.20	50. 985	9.0	...	0.423	+12.609	-1	50. 992	10.2
...	50.967	-34.274	-5	...	...	*	23.105	+37.140	1.10	50. 986	9.5	...	-0.336	-59.378	-1	...	...
S *	50.940	+26.299	1.05	50. 976	9.2	...	23.058	-34.356	-5	...	...	S †	+0.204	-5.710	1.40	51. 937	8.5
2I						8I						I4I					
...	-50.659	-18.194	-5	...	...	*	-23.031	+54.314	1.10	50. 987	9.6	...	+0.918	-31.347	-3	51. 938	10.2
...	50.311	-37.819	-3	...	...	...	22.786	-3.485	-2	51. 922	10.2	...	1.478	+24.196	-5	...	...
...	49.726	+29.155	-1	50. 978	10.2	...	22.768	+55.578	-1	...	...	...	1.712	+15.656	-3	...	...
...	49.429	-15.391	-3	...	...	...	21.377	+32.363	-4	...	...	...	2.149	-0.851	1.00	50. 993	9.6
...	49.099	+39.188	-5	...	...	...	21.192	-5.329	-3	...	...	...	3.417	+37.652	-4	...	...
...	-48.767	+37.027	-2	...	...	...	-21.026	+46.948	0.70	50. 988	10.2	S *	+3.609	+36.186	2.40	50. 994	7.8
S *	48.235	-41.860	0.95	51. 914	9.6	...	19.932	+45.727	-5	...	...	...	3.799	+46.735	-3	...	...
...	48.010	+32.646	0.65	...	...	...	19.823	+35.604	-5	...	...	...	3.834	-8.957	-4	...	...
*	46.754	-40.835	1.10	51. 915	9.6	...	18.695	-49.148	-4	...	...	...	3.966	-24.615	-3	...	...
...	46.632	-32.651	-5	...	...	...	18.478	-13.366	0.75	51. 923	10.2	†	5.063	-25.526	0.80	51. 939	10.2
3I						9I						I5I					
...	-46.522	-59.678	-4	...	...	*	-17.318	-27.214	1.00	51. 924	9.8	...	+6.091	-40.749	-3	...	...
...	46.144	+36.390	-1	...	...	...	17.244	+26.974	-3	...	...	*	6.952	-50.651	1.00	51. 940	9.6
...	45.944	+42.312	-3	...	...	...	16.483	-33.112	-4	...	...	*	7.202	+12.379	1.00	50. 995	9.6
...	45.830	+17.036	0.65	50. 979	10.2	*	16.127	-44.933	1.00	51. 925	9.5	...	7.238	-52.052	-3	...	...
...	44.743	+53.253	-3	...	...	...	15.922	-59.368	-2	...	...	...	7.546	+12.708	-3	50. 996	10.2
†	-44.582	+45.771	-4	...	...	...	-14.887	+18.827	-3	...	...	*	+7.827	-32.536	1.30	51. 941	9.2
...	44.005	-14.243	-3	...	...	...	14.448	+21.997	-2	...	...	...	8.215	-8.615	-3	51. 942	10.2
...	43.628	+4.652	-4	B	...	*	13.394	+43.983	1.20	50. 989	9.6	...	9.240	+26.065	-2	...	...
...	43.574	+4.706	-3	...	...	...	13.237	+14.414	-4	...	...	...	9.904	+29.472	-1	50. 997	10.2
*	42.743	-20.520	1.10	51. 916	9.6	*	13.191	-47.847	0.90	51. 926	10.1	...	10.133	-39.124	-5	...	...
4I						10I						I6I					
...	-42.703	-38.423	-3	...	...	...	-13.182	-53.200	-5	...	...	...	+10.916	+54.648	-3	...	...
...	42.395	+55.995	-3	...	...	...	12.939	+43.789	-3	...	...	*	11.399	+41.307	1.30	50. 998	8.6
†	41.868	-35.061	-5	...	...	...	12.881	+12.099	-1	50. 990	10.0	...	12.278	-10.165	-5	...	...
...	41.566	+18.895	0.65	...	...	*	11.842	-34.661	1.00	51. 927	9.8	...	12.510	-17.460	-5	...	...
...	40.690	-58.985	-1	51. 917	10.2	...	11.236	-36.289	-3	...	...	...	12.677	-30.401	-3	...	...
...	-39.807	-38.711	-3	...	...	†	-10.942	-0.252	-3	...	...	...	+12.828	-50.791	-4	...	...
†	39.104	+4.835	-1	...	...	...	10.921	+36.937	0.75	50. 991	10.1	...	12.933	+47.787	-5	...	...
...	37.773	+12.744	-5	...	...	...	10.867	-53.385	-5	...	...	...	12.961	+41.410	-2	50. 999	10.2
...	37.742	+29.815	1.00	50. 980	9.2	...	10.423	-39.465	-5	...	...	...	13.070	-17.366	-5	...	...
†	36.695	+58.928	2.10	49. 956	8.2	†	10.018	-56.346	1.20	51. 928	9.4	†	13.860	-35.233	-1	51. 943	10.1
5I						III						I7I					
...	-36.652	+40.496	-3	...	...	S *	-9.570	-45.344	3.90	51. 929	6.3	...	+14.148	-30.726	-5	...	...
*	35.969	-14.674	1.20	51. 918	9.0	...	9.423	+37.435	-5	...	...	...	15.704	+28.366	-5	...	...
...	34.360	-11.293	-3	...	...	...	9.193	-6.688	0.65	...	...	*	15.714	+38.407	1.20	50.1000	9.0
...	34.200	+51.645	-3	...	...	...	8.609	+11.108	-3	...	...	*	16.018	+57.177	1.05	50.1001	9.6
*	33.610	+1.086	1.00	50. 981	9.8	...	8.465	+35.321	-5	...	...	*	17.099	-49.263	1.00	51. 944	9.8
...	-33.499	+21.824	-5	...	...	*	-7.580	-55.878	1.05	51. 930	9.4	...	+17.233	+54.123	-3	...	...
...	33.223	-40.553	-5	...	...	...	7.360	+3.519	-4	...	...	...	17.411	+6.661	-3	...	...
...	33.089	+57.206	-5	A	...	*	7.209	-14.943	1.10	51. 931	9.5	...	17.768	-18.417	-3	...	...
...	32.403	-47.611	-3	...	...	...	6.925	+45.349	-5	...	...	*	17.851	-55.674	1.05	51. 945	9.6
...	32.081	-55.482	-1	...	...	*	6.889	-51.072	1.50	51. 932	8.5	*	18.158	+23.505	0.90	50.1002	9.8

MC measured from 1, 46, 89, 140, 183, 235.

MB " " 24, 65, 111, 160, 210, 259.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-220						221-260						261-284					
I8I	+18'490	+11'218	0·85	50.1003	10·1	22I	+34'248	+21'029	-1	...	...	26I	+51'954	+0'350	-5	...	...
†	20'004	+6'833	-5	...	...	...	34'772	+36'001	-1	50.1008	10·2	...	52'379	-30'937	-5	...	...
...	20'247	-48'597	-3	...	...	S*	36'376	+3'783	1·05	50.1009	9·0	...	53'247	-4'783	-5	...	...
...	20'320	-16'818	-3	...	...	...	36'865	-12'804	-1	51. 950	10·2	...	53'867	+32'279	-1	...	...
...	20'382	+3'335	-3	...	...	...	37'283	-15'461	-4	...	...	...	54'148	-36'797	-1	e	...
*	+20'476	-36'010	1·20	51. 946	8·6	...	+37'783	-37'114	-4	...	...	...	+54'456	+19'150	-1	...	...
...	20'518	-38'949	-1	...	...	S*	38'192	+45'263	2·40	50.1010	7·5	...	54'544	+39'868	-3	...	...
...	21'381	+13'366	-4	...	...	...	38'286	+47'004	1·00	50.1011	9·8	e*	54'724	-26'616	1·10	51. 959	9·5
...	21'657	+12'304	0·90	50.1004	9·8	*	38'553	-36'282	0·95	51. 951	10·0	...	54'949	-31'086	-1	e	...
...	21'813	+24'497	-3	...	...	...	38'737	+27'232	-3	...	...	*	55'821	+41'105	1·10	50.1019	9·4
I9I	+22'063	+23'792	-3	...	...	23I	+38'764	-40'389	-4	...	...	27I	+55'891	-39'320	-3	e	...
...	22'096	-19'772	-4	...	...	...	38'840	+17'780	-3	...	...	...	56'299	-11'819	-3	...	...
*	22'154	-8'305	2·20	51. 947	7·9	...	39'039	-50'954	0·75	51. 952	10·2	...	56'490	-34'595	-2	...	...
*	22'426	+58'070	1·90	50.1005	8·2	...	39'711	-40'963	0·75	51. 953	10·2	...	56'561	+5'058	-4	...	...
...	23'041	-38'896	-4	...	...	*	40'276	+42'014	0·95	50.1012	9·0	...	56'817	-18'994	-3	e	...
...	+23'177	+55'317	-5	...	...	*	+40'293	+26'781	1·20	50.1014	9·0	e	+57'225	-53'665	-1	51. 960	10·1
...	23'496	-24'901	-5	...	...	...	40'314	-59'990	-3	...	...	...	57'256	+12'990	-1	...	...
...	24'008	+54'733	-3	...	...	...	40'349	+39'429	0·75	50.1013	10·1	...	57'263	-6'799	-3	e	...
...	25'011	+47'604	-5	...	...	S*	40'398	-20'961	2·10	51. 954	8·1	e	58'096	-58'871	0·80	51. 963	10·0
...	25'308	-48'348	-3	...	...	...	40'559	+4'201	-2	...	...	e*	58'330	-50'477	1·20	51. 962	9·0
20I	+27'271	-20'400	-5	...	...	24I	+40'976	+36'161	-5	...	...	28I	+58'775	-8'262	0·85	51. 961	10·2
...	27'670	-24'740	-1	...	...	...	41'112	+13'581	0·75	50.1015	10·2	...	59'650	+23'983	-5	...	...
...	27'761	-25'622	-3	...	...	...	41'571	-57'141	-5	...	...	...	59'848	-5'025	-3	e	...
...	28'068	+32'372	-2	50.1006	10·2	...	41'763	-57'209	-4	...	...	†	59'907	-8'883	-5	e	...
...	28'479	-37'417	-5	...	...	...	43'196	+58'579	-3	...	...						
...	+29'160	-10'120	-2	51. 948	10·2	...	+43'583	-5'025	-4	...	...						
...	29'504	+35'949	-3	...	...	S*	43'752	-56'142	1·40	51. 955	8·6						
...	29'717	-6'410	-4	...	...	*	44'258	+35'898	1·40	50.1016	8·5						
*	29'788	+47'042	2·40	50.1007	7·7	...	44'987	+57'210	-2	50.1017	10·1						
...	30'185	-47'757	-4	...	...	*	45'084	-36'593	1·20	51. 956	9·0						
21I	+30'370	-15'815	-3	...	...	25I	+45'243	-57'024	1·10	51. 957	9·2						
...	31'048	+31'043	-3	...	...	*	45'360	+57'628	-2	50.1018	10·2						
...	31'457	-35'006	-4	...	...	...	46'345	+34'723	-3	...	...						
...	32'081	+37'220	-2	...	...	...	46'925	-15'185	-5	...	...						
...	32'698	-48'162	-3	...	...	*	48'129	-28'053	1·00	51. 958	9·5						
...	+33'041	+15'741	-4	...	...	...	+48'959	-7'829	-4	...	...						
...	33'070	-19'530	-5	...	...	...	49'216	+25'749	-3	...	...						
†	33'852	+4'663	-2	...	...	...	49'819	+45'030	-4	...	...						
...	34'176	+47'947	-5	...	...	...	50'191	+9'276	-3	...	...						
*	34'218	-2'877	1·05	51. 949	9·8	...	51'282	+50'641	-3	...	...						

1-10						11-20						21-30					
I	-59'639	+19'041	-2	...	...	II	-55'590	-41'275	-5	p	...	2I	-49'741	+26'635	-5	...	...
*	59'157	+41'039	1·15	50.1019	9·4	...	54'193	-8'175	0·75	51. 961	10·2	...	49'656	-1'566	1·65	50.1022	8·4
...	57'652	-36'858	0·65	E	...	E	53'892	-53'584	0·80	51. 960	10·1	S*	48'899	+9'137	1·80	50.1023	8·2
E*	57'500	-26'668	1·10	51. 959	9·5	...	53'253	-4'876	-3	E	...	...	48'763	-52'617	-4	...	...
...	57'090	-31'114	0·75	E	...	...	53'041	-8'743	-5	E	...	S*	48'750	+40'505	1·40	50.1025	8·6
...	-56'974	+5'071	-5	...	...	E*	-52'911	-50'350	1·20	51. 962	9·0	*	-48'690	+27'229	1·05	50.1024	9·6
...	56'579	+13'009	-1	...	...	E	52'813	-58'748	0·95	51. 963	10·0	...	48'333	+39'717	-3	...	...
...	55'803	-39'308	-3	E	...	*	52'759	+5'897	1·00	50.1020	10·0	*	47'063	-0'530	0·95	50.1026	9·8
...	55'758	-6'761	-4	E	...	...	52'346	+12'964	-3	...	...	*	46'933	+16'485	1·00	50.1027	9·6
...	55'706	-18'968	-4	E	...	*	50'062	-1'563	0·95	50.1021	9·6	...	46'639	+53'908	-2	...	...

MB measured from 1, 66, 126, 177.

MC " " 37, 98, 150, 204.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	z.	y.		No	Mag.		z.	y.		No	Mag.		z.	y.		No	Mag.
31-90						91-150						151-210					
3I	-46.617	-0.066	0.65	F	...	9I	-16.590	+38.824	2.00	50.1041	8.6	15I	+15.147	-23.639	-3	...	...
...	45.959	-16.853	-5	p	...	...	16.362	-3.517	-4	...	...	...	15.364	+47.091	-4	...	...
...	45.951	+34.904	0.95	50.1028	10.0	...	16.324	+45.480	-4	...	...	...	17.627	+10.629	-4	...	...
†	45.876	+34.605	-4	...	...	*	15.880	+38.866	3.30	50.1042	7.0	...	17.993	+39.921	-3	...	...
*	45.742	-21.662	1.00	51. 964	9.4	*	15.666	-52.182	1.05	51. 977	9.6	...	18.105	+50.580	-3	...	...
...	-45.733	+19.388	0.85	50.1029	10.1	...	-15.449	+27.814	-4	...	...	*	+18.746	-5.529	2.20	51. 991	7.8
*	43.443	-20.768	1.00	51. 965	9.4	†	15.264	+35.267	-5	...	...	...	19.019	-43.061	-3	...	...
*	43.102	+1.219	1.30	50.1030	8.6	...	14.644	+5.512	0.90	50.1043	10.0	...	19.263	-51.808	-4	...	...
...	42.211	+45.875	-5	...	...	...	14.363	-21.131	-4	...	...	...	19.786	+54.239	-4	...	...
...	41.719	+15.592	-3	...	...	...	13.893	+15.168	-4	...	...	...	19.897	-37.411	0.75	...	...
4I	...	...	...	...	...	10I	...	...	...	...	...	16I	...	...	...	...	...
...	-41.197	+50.917	-5	...	...	...	-13.837	+42.857	-5	...	...	...	+20.291	-4.019	-4	...	...
...	41.022	+32.084	0.85	50.1031	10.2	*	13.736	+57.240	1.00	50.1044	9.8	...	21.000	-40.929	-5	p	...
...	40.056	-48.215	-4	...	...	...	13.301	-24.568	-4	...	...	†	21.645	-20.185	-2	...	...
...	39.615	+27.583	-5	...	...	...	12.576	+22.226	0.80	50.1045	10.1	...	21.806	+49.250	-1	50.1057	10.1
...	39.406	-59.993	-1	51. 966	10.2	...	11.893	-39.664	-4	...	...	...	21.871	+34.332	-4	...	...
...	-39.379	-37.540	-4	...	...	*	-11.831	-41.863	1.50	51. 978	8.8	...	+21.992	+17.255	-1	50.1058	10.1
...	39.355	-9.101	0.70	51. 967	10.1	†	11.831	+39.661	0.90	50.1046	9.8	...	22.282	-9.032	-5	p	...
...	38.739	+45.891	-5	...	...	*	11.700	+26.953	1.40	50.1047	9.0	S *	23.289	-9.275	3.90	51. 992	6.8
...	38.438	+24.054	-4	...	...	...	11.432	+47.450	-5	...	...	...	23.336	-41.586	-4	...	...
...	37.994	+35.460	-2	...	...	S *	11.046	-58.676	1.70	51. 979	8.4	...	24.062	+39.452	-4	...	...
5I	...	...	...	...	...	III	...	...	...	...	...	17I	...	...	...	...	...
...	-37.933	+0.827	-4	...	...	...	-10.950	-26.141	-5	...	...	*	+24.205	+43.556	1.20	50.1059	9.2
...	37.601	+56.126	-4	...	...	...	10.932	+25.959	-4	...	...	...	25.266	+15.415	-1	50.1060	10.2
...	37.418	+17.922	-4	...	...	...	9.754	+14.573	0.90	50.1048	10.1	*	25.994	-53.520	1.10	51. 993	9.5
*	37.235	-32.178	1.00	51. 968	9.6	...	8.542	-50.733	-2	...	...	...	27.981	+12.817	-1	50.1061	10.2
...	36.419	+5.826	-3	...	...	...	7.925	-18.795	-5	p	...	...	29.344	-11.660	-3	...	...
...	-35.572	+24.791	0.90	50.1032	10.1	*	-7.553	-15.048	1.20	51. 980	9.2	...	+29.475	-11.694	-1	51. 994	10.1
...	35.507	+19.965	-3	...	...	...	7.346	-27.331	-5	...	...	...	31.339	-36.951	-5	...	...
...	34.984	+27.316	0.75	50.1033	10.2	...	6.881	-0.510	-5	...	...	...	32.649	-34.700	0.75	51. 995	10.2
...	34.919	-18.260	-5	...	...	...	6.698	-39.031	-4	...	...	...	33.774	-2.870	-4	...	...
S *	33.788	-34.407	1.60	51. 969	8.4	...	6.231	+51.691	-4	...	...	...	33.781	+23.376	-2	...	...
6I	...	...	...	...	...	12I	...	...	...	...	...	18I	...	...	...	...	...
...	-33.756	+1.325	-2	...	...	...	-5.760	-56.803	-5	...	...	...	+33.946	+31.637	0.80	50.1062	10.2
*	33.291	-10.431	1.00	51. 970	9.5	...	5.550	-23.035	0.95	51. 981	9.6	...	34.106	+34.055	-3	...	...
...	32.726	+41.323	0.75	...	...	S †	4.025	+34.622	1.80	50.1049	8.1	...	34.928	-18.765	-1	...	...
*	31.325	-49.810	1.00	51. 971	9.6	...	3.627	+33.760	-2	...	...	...	36.203	+39.031	-4	...	...
...	31.137	-1.030	0.90	50.1034	10.1	*	-3.369	-12.208	1.00	51. 982	10.0	...	36.506	-42.831	0.90	51. 996	10.2
...	-29.764	-38.036	-4	...	...	...	+0.602	+17.771	0.65	...	...	...	+36.699	-31.842	-4	...	...
...	29.752	+58.832	-5	...	...	...	1.003	-13.058	1.10	51. 983	9.2	...	37.575	+0.795	-3	...	...
...	29.094	+20.890	0.90	50.1035	10.2	...	2.121	-24.921	-4	...	...	...	37.623	+18.121	-4	...	...
...	28.380	-24.982	0.85	51. 973	10.1	a *	3.309	+0.289	1.10	50.1050	9.4	...	37.769	-31.117	-5	...	...
...	28.302	-23.598	0.75	51. 974	10.1	...	3.490	+37.083	-4	...	...	...	37.875	+12.440	-4	...	...
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
...	-27.914	-7.390	0.85	51. 975	10.0	...	+3.757	+8.817	0.95	50.1051	9.6	...	+38.207	+10.668	-5	...	...
*	27.810	+37.979	1.20	50.1036	9.2	*	4.020	-29.898	1.15	51. 984	9.2	...	38.372	+59.088	1.10	49.1037	9.6
...	26.272	+23.081	-1	...	...	*	4.403	+31.990	1.80	50.1052	8.2	*	38.492	-26.042	1.20	51. 997	8.8
*	26.239	+36.455	1.10	50.1037	9.4	...	5.074	+48.091	-5	...	...	*	38.955	+22.181	1.05	50.1063	9.6
S *	25.950	+5.664	1.40	50.1038	8.5	...	5.160	+54.519	-3	...	...	...	38.986	+45.793	-3	...	...
...	-24.777	+31.754	0.80	...	...	...	+5.522	-37.964	-3	...	...	...	+40.169	+46.687	0.75	50.1064	10.2
...	24.021	-28.541	-4	...	...	...	5.958	-48.679	-5	p	...	...	40.521	+59.518	-2	...	...
...	23.747	-24.482	0.80	...	...	...	6.718	+36.079	-1	...	...	...	41.186	+58.995	-1	49.1039	10.2
...	21.867	-43.591	0.70	...	...	*	7.275	+49.350	1.00	50.1053	9.8	...	41.223	+26.242	0.90	50.1065	10.2
...	21.764	-7.311	-4	...	...	...	7.622	-36.188	-5	p	...	...	41.631	-6.830	0.95	51. 998	9.8
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
...	-21.747	-31.960	-5	p	...	S *	+8.292	-27.857	2.00	51. 985	7.9	...	+41.855	-1.999	-5	...	...
...	21.514	-26.492	-3	...	...	...	9.494	+37.603	-1	...	...	...	43.245	+59.426	0.65	49.1041	10.2
...	21.443	+8.259	0.90	50.1039	10.1	...	9.544	+57.965	0.85	50.1054	10.2	...	43.866	-28.445	-2	...	...
...	21.220	-10.857	-2	...	...	†	9.637	-0.188	-2	50.1055	10.2	...	45.088	+3.460	-3	...	...
*	21.011	-39.726	1.70	51. 976	8.4	...	10.076	-48.800	1.00	51. 987	9.6	...	45.145	-7.823	-1	...	...
...	-19.595	-38.829	-5	...	...	S *	+10.391	+21.943	1.20	50.1056	9.0	S *	+46.171	-39.200	2.05	51. 999	7.7
...	17.497	+16.770	0.95	50.1040	9.8	*	11.663	-24.477	1.10	51. 988	9.5	...	46.213	-43.768	-5	...	...
...	17.425	+42.209	-3	...	...	*	12.298	-28.326	1.00	51. 989	9.6	...	46.744	-42.210	1.00	51.1000	9.8
...	17.158	+45.119	0.80	...	...	...	12.667	+27.164	0.65	...	...	...	46.746	+18.134	-5	...	...
...	16.962	-43.641	-5	...	...	...	15.055	-14.115	-1	51. 990	10.2	...	47.176	+0.705	-1	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
211-220						221-230						231-235					
211						221						231					
...	+47.190	+18.727	-3	...	...	...	+51.662	+42.616	-5	...	...	*	+56.342	+3.496	1.00	50.1073	9.8
...	48.181	-10.707	-1	...	...	S *	51.783	+57.804	1.90	50.1069	8.6	...	56.973	-28.305	-4	e	...
...	48.447	+12.810	0.85	50.1066	10.2	...	51.837	+36.392	-5	...	...	...	57.159	-4.807	-4	e	...
*	49.690	+9.032	1.10	50.1068	9.4	S †	52.040	+29.804	5.80	50.1070	5.0	e	57.607	-45.400	-1	51.1003	10.2
*	49.867	-3.284	0.95	51.1001	10.0	S †	52.139	+9.716	1.00	50.1071	9.2	...	58.207	-13.971	-4	e	...
...	+50.169	+57.248	-1	50.1067	10.2	...	+52.618	-0.573	-4	...	...	...					
...	50.192	+18.645	-2	...	...	...	52.887	-19.853	-5	e	...	...					
...	50.621	-8.702	0.75	...	...	...	55.725	+48.872	1.00	50.1072	9.4	...					
...	50.752	-24.399	-5	...	...	e*	55.797	-2.815	1.30	51.1002	9.2	...					
...	51.211	-36.057	-1	...	...	...	55.835	+28.992	-4	...	...	...					

1-40						41-80						81-120					
I						4I						8I					
...	-59.629	-19.983	-3	E	...	...	-44.349	-41.705	1.20	51.1006	8.9	...	-34.061	-38.903	1.60	51.1012	8.8
*	59.582	+48.793	1.10	50.1072	9.4	...	44.222	+15.225	0.65	...	...	...	33.580	-59.885	-5	...	...
...	58.657	+28.941	-1	...	...	...	44.092	-3.202	0.65	...	...	...	32.938	+13.661	-5	...	...
E*	57.390	-2.858	1.20	51.1002	9.2	...	43.920	-36.407	-1	...	...	...	32.916	+9.963	0.90	...	...
*	57.097	+3.478	1.00	50.1073	9.8	...	43.705	-52.902	-1	...	...	...	32.914	+39.040	-1	...	...
...	-56.549	+57.929	-4	...	...	*	-43.676	+11.476	1.10	50.1079	9.6	...	-32.760	-50.617	-3	...	...
...	55.956	-4.784	-2	E	...	...	43.324	+12.099	-3	...	...	...	32.751	+5.705	-4	...	...
...	55.177	-28.285	-2	E	...	...	43.054	-26.749	0.80	...	...	...	32.589	-54.840	-3	...	...
...	54.546	-13.891	-2	E	...	...	42.828	-36.864	-5	...	...	...	32.485	+32.583	0.75	...	...
*	54.380	+43.359	0.95	50.1074	10.2	...	42.755	-23.922	-4	...	...	...	32.249	+6.783	0.75	...	...
II						5I						9I					
...	-54.328	-13.191	-2	...	...	†	-42.595	+24.578	-4	...	...	...	-31.849	-31.490	-3	...	...
...	54.055	-9.157	-4	...	...	...	42.263	+0.214	-2	...	...	...	31.843	+35.997	0.65	...	...
...	54.026	-19.990	-5	p	...	...	41.770	+46.436	0.70	...	...	...	31.783	+36.289	-4	...	...
...	53.863	-45.454	-5	p	...	...	41.728	-22.332	0.70	...	...	...	31.554	+20.993	0.65	...	...
E	53.848	-45.328	0.85	51.1003	10.2	...	41.552	-35.745	-5	...	...	...	31.419	-34.901	0.70	...	...
...	-53.787	+32.523	-1	...	...	*	-41.316	+19.846	0.95	50.1080	10.0	...	-31.414	+4.278	-5	...	...
...	53.289	-5.872	-4	...	...	...	41.148	-22.083	-2	...	...	...	31.240	+40.773	-4	...	...
...	53.076	+52.228	-4	...	...	...	40.888	-33.776	0.80	...	...	...	31.092	+34.156	-5	...	...
+	52.985	+14.617	0.95	50.1076	10.0	...	40.761	-58.064	0.90	51.1007	10.2	...	30.918	+23.388	-3	...	...
F	52.900	-0.079	0.90	50.1075	10.2	...	40.492	+23.209	0.65	...	...	...	30.642	+41.138	0.95	50.1082	10.2
2I						6I						10I					
...	-52.380	+7.328	-4	...	...	...	-40.131	+55.508	-5	...	...	...	-30.613	+22.924	0.65	...	...
...	52.300	+32.319	-4	B	...	...	39.918	-60.099	1.00	51.1008	10.2	...	30.541	-18.675	-2	...	...
...	50.802	-7.100	-3	...	...	...	39.481	-31.858	0.90	51.1009	10.2	...	30.535	+31.865	0.65	...	...
†	50.039	+33.909	-4	...	...	...	38.945	-25.272	1.05	51.1010	9.6	...	30.509	-45.587	-5	...	...
...	49.761	-38.382	-3	...	...	...	38.889	-36.174	0.70	...	...	...	30.504	-56.795	-1	...	...
...	-49.711	-9.127	0.80	...	...	...	-38.672	-37.510	-5	...	...	...	-30.242	-54.498	0.70	...	...
...	49.434	-30.358	-5	p	...	...	38.423	-24.728	-4	...	...	...	29.983	+46.920	-3	...	...
*	49.428	+35.032	1.00	50.1077	9.6	...	38.295	-18.016	0.65	...	...	*	29.675	-1.031	1.80	50.1083	8.4
...	48.603	+51.908	-1	...	...	...	38.190	-12.293	0.75	...	...	*	29.632	+18.949	1.00	50.1084	9.4
*	48.318	+22.671	1.10	50.1078	9.2	...	37.503	-14.753	-5	...	...	...	29.578	+36.265	-2	...	...
3I						7I						11I					
...	-48.306	-40.552	-1	...	...	...	-37.338	+50.136	-1	...	...	...	-29.559	+24.036	-2	...	...
...	48.134	+34.846	-3	...	...	...	37.189	+8.983	0.80	50.1081	10.2	...	29.176	-31.172	-4	...	...
...	48.128	+20.078	-4	...	...	...	36.934	+46.033	-5	...	...	...	29.134	+27.228	-4	...	...
...	48.094	+35.382	0.65	...	...	...	36.457	+3.516	0.70	...	...	S *	29.126	-45.683	1.70	51.1013	8.3
...	47.990	-4.636	-4	...	...	...	36.269	-41.654	-4	...	...	...	28.991	+37.069	-1	...	...
†	-47.276	+24.592	-4	...	...	...	-35.386	-44.320	-4	...	...	†	-28.863	+19.587	-4	...	...
*	46.952	-7.504	0.90	51.1004	10.2	...	34.945	+26.806	0.65	...	...	...	28.809	+37.591	-4	...	...
...	45.210	+15.991	-5	...	...	...	34.687	-30.309	0.95	51.1011	9.8	...	28.715	-47.347	-3	...	...
†	45.084	-56.022	0.90	51.1005	10.2	...	34.427	+22.900	-3	...	...	...	28.402	+54.620	0.90	50.1085	10.2
...	44.387	-28.271	-1	...	...	...	34.242	-19.770	-4	...	...	...	27.742	+57.484	0.90	50.1086	10.2

MC measured from 1, 107, 225, 349.
MB " " 40, 165, 277, 413.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
121-180						181-240						241-300					
121	-27.363	-29.325	-3	...	...	181	-10.835	+15.454	-5	...	...	241	+6.820	-25.474	-2	...	...
...	27.199	+49.090	-3	...	...	...	10.683	-20.517	-5	...	...	...	6.850	+36.852	0.85	50.1099	10.2
*	27.161	+50.297	0.90	...	...	...	10.336	+43.775	0.65	...	...	...	6.890	+24.690	-5	...	...
...	27.158	+17.005	-5	A	...	...	10.224	-28.948	-4	...	...	...	6.938	-42.239	0.80	...	...
...	27.112	+7.574	-5	...	...	†	10.172	-34.371	-1	...	...	...	7.095	-46.805	-2	...	...
*	-26.976	+2.808	1.00	50.1087	10.2	...	-10.017	+48.119	-1	...	...	...	+7.534	-46.478	-2	...	...
...	26.474	-13.409	-5	...	...	...	9.920	-3.350	-3	...	...	...	7.917	-58.813	0.70	...	...
...	26.443	-12.440	-1	...	...	...	9.151	-48.095	0.65	...	...	...	7.937	+45.856	-2	...	...
...	26.304	+27.629	-4	...	...	...	9.134	+28.980	-5	...	...	*	8.264	-58.034	1.00	51.1029	9.4
†	25.039	-7.820	0.90	51.1014	10.2	...	8.902	-1.097	-3	...	...	...	8.575	-54.738	-4	...	...
131	-25.030	-35.081	0.70	...	...	191	-7.775	-55.829	-4	...	...	251	+8.616	+7.983	2.10	50.1100	8.4
...	24.928	-19.020	-5	...	...	...	7.546	-45.822	-5	...	...	*	8.948	-47.284	-4	...	...
...	24.895	+45.803	0.70	...	...	...	7.222	+57.679	-3	...	...	...	9.026	+1.025	-3	a	...
*	24.766	-22.747	1.20	51.1015	9.4	...	7.170	-7.263	0.85	...	...	...	9.485	-35.170	-3	...	...
...	24.666	+27.877	-4	...	...	...	7.030	-51.932	-3	...	...	...	9.545	+44.103	-3	...	...
...	-24.324	-56.036	-5	...	...	...	-6.987	+51.031	-4	...	...	...	+9.587	-53.093	-1	...	...
S *	24.183	+52.771	1.15	50.1088	9.0	...	6.697	+23.358	0.65	...	...	...	9.594	+43.823	0.75	...	...
...	24.088	-33.905	-2	...	...	*	6.411	+56.258	1.00	50.1094	10.2	*	9.679	-46.815	1.10	51.1030	9.2
S *	24.059	-18.455	1.90	51.1016	8.1	...	6.280	-58.730	-4	...	...	...	9.688	+42.433	-3	...	...
...	23.810	+18.794	0.70	...	...	...	6.275	+16.895	-2	...	...	†	9.759	-35.237	0.70	...	...
141	-23.407	-14.624	-2	...	...	201	-6.134	-32.657	0.70	...	...	261	+10.685	-34.181	-2	...	...
...	23.361	-54.436	1.40	51.1017	8.8	*	6.081	+58.663	1.05	49.1071	9.8	...	10.888	-40.350	0.65	...	...
S *	23.272	+30.485	3.20	50.1089	7.2	*	5.982	-22.257	1.10	51.1022	9.4	*	10.949	+43.913	0.90	50.1101	10.2
...	22.888	-6.181	0.85	51.1018	10.2	*	5.284	-49.463	1.10	51.1023	9.4	*	11.155	-44.010	0.90	51.1031	10.0
...	22.313	-20.781	-5	...	...	†	5.099	-16.744	1.40	51.1024	8.6	...	11.248	+45.141	-5	...	...
†	-21.196	+4.623	-3	...	...	*	-4.790	-57.196	1.05	51.1025	9.6	...	+11.392	+40.939	-4	...	...
...	20.685	+56.112	-1	...	...	...	4.704	+32.352	1.20	50.1095	9.0	...	11.712	-29.478	0.70	...	...
*	20.528	+5.619	0.95	50.1090	10.2	...	4.653	-28.970	0.65	...	...	...	12.356	-48.871	-2	...	...
†	20.110	-50.553	-4	...	...	...	4.644	+0.453	-5	β	...	...	12.563	-10.598	-5	...	...
...	19.768	-49.277	-4	...	...	...	4.141	-7.107	-4	...	...	...	12.704	-46.196	-4	...	...
151	-18.952	-56.670	-4	...	...	211	-3.616	+4.776	-5	...	...	271	+12.705	-3.430	-2	...	...
...	18.939	+55.625	-4	...	...	...	3.217	+26.245	-3	...	...	...	12.790	+50.717	-4	...	...
†	17.995	+59.450	-4	A	...	...	2.384	+43.725	-2	...	...	*	13.055	-41.947	0.85	51.1032	10.2
...	17.672	+53.700	-5	...	...	...	2.221	-38.702	-3	...	...	...	13.303	+58.278	-4	...	...
*	16.839	-33.654	2.20	51.1019	8.3	...	2.056	-42.317	0.75	51.1026	10.2	...	13.767	-4.084	-4	...	...
...	-16.761	-22.820	-1	...	...	*	-1.999	+33.348	1.10	50.1096	9.4	...	+14.417	+47.864	0.75	...	...
...	16.537	-29.766	-4	...	...	...	1.988	+2.618	-1	...	...	†	14.792	-56.634	1.15	51.1033	9.2
...	16.456	-4.620	-1	...	...	...	1.885	-24.130	-3	...	...	†	14.819	-1.311	-2	...	...
...	15.898	-5.705	0.80	51.1020	10.2	...	1.869	+11.178	0.80	...	...	...	15.109	+51.309	0.85	...	...
...	15.843	+48.693	0.80	50.1091	10.2	...	1.181	+31.630	-3	...	...	*	15.172	+18.641	0.95	50.1102	10.2
161	-15.631	-40.550	-2	...	...	221	-0.892	+35.988	-1	...	...	281	+15.484	+11.979	-4	...	...
...	15.570	-1.577	0.70	...	...	...	0.469	+58.512	0.80	49.1076	10.2	...	15.564	-47.795	-5	...	...
...	15.405	-44.437	-2	...	...	S *	0.409	-29.792	1.15	51.1027	8.9	...	15.918	+32.198	0.80	...	...
...	15.396	-36.953	-4	...	...	...	-0.257	-58.404	-4	...	...	...	15.929	-46.345	-4	...	...
...	14.856	-41.315	-4	...	...	...	+0.012	+10.705	-5	Am	...	...	15.933	-0.782	-2	...	...
*	-14.442	-35.970	1.05	51.1021	9.8	...	+0.739	+14.271	-3	...	...	...	+16.484	+23.449	0.75	...	...
...	14.436	+51.199	-3	...	...	...	1.297	+25.805	-4	...	...	...	16.487	+24.969	-5	...	...
...	14.251	+33.408	-5	...	...	...	1.997	+56.111	-1	...	...	...	16.981	+38.136	-3	...	...
...	13.882	+48.465	-1	...	...	...	2.180	-10.009	0.75	51.1028	10.0	S *	17.241	+57.315	2.10	50.1103	8.0
...	13.104	+23.316	0.65	...	...	...	2.974	+48.402	-2	...	...	...	17.314	+37.739	-1	...	...
171	-13.081	+53.896	0.70	...	...	231	+3.009	+7.074	2.60	50.1097	7.8	291	+17.593	+32.146	0.65	...	...
...	12.862	+36.821	0.90	50.1092	10.2	S *	3.158	+22.645	2.40	50.1098	7.4	...	18.233	+15.621	-4	...	...
...	12.351	-2.147	-1	...	...	S *	3.535	+17.476	0.70	...	...	*	18.431	+36.966	1.05	50.1104	9.8
...	11.412	+29.792	-4	...	...	...	3.661	-53.976	-2	...	...	...	18.566	+28.259	-1	...	...
...	11.298	-42.436	-3	...	...	...	3.969	-56.444	-4	...	...	...	19.012	-58.996	0.65	...	...
...	-11.220	+48.531	-3	...	...	...	+4.067	-60.064	-4	...	...	...	+19.171	-24.081	-4	...	...
*	11.187	+6.152	0.80	50.1093	10.2	...	4.177	+43.021	-5	...	...	...	19.645	+7.581	-5	...	...
...	11.116	+29.861	-5	...	...	...	4.632	+48.834	-4	a	...	*	20.492	+32.687	1.05	50.1105	10.0
...	11.027	+7.583	-1	...	...	...	5.907	-24.858	-1	...	...	...	20.613	-4.038	-5	...	...
...	10.871	+54.553	-3	...	...	...	6.498	-21.587	-3	...	...	...	20.649	-36.696	0.65	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
301-360						361-420						421-467					
30I	+21°023	+9°983	0.80	50.II06	10.2	36I	+33°978	-25°662	-3	...	...	42I	+45°814	+40°279	2.95	50.II25	7.2
...	21°129	-32°391	1.00	51.I034	9.8	...	33°997	-28°321	0.65	...	...	...	45°865	-0°029	-3	f	...
...	21°225	-44°468	0.65	...	...	...	34°108	-26°221	0.70	...	...	...	46°138	-15°285	-3	...	...
n *	21°285	+26°791	0.95	50.II07	10.0	...	34°551	+27°281	-3	...	...	...	46°581	+46°435	-3	...	...
n	21°388	+26°886	0.65	...	...	...	34°571	-59°604	-5	...	...	...	46°923	+40°417	-5	...	...
...	+21°534	-45°770	-3	...	...	...	+34°619	-5°236	-2	...	...	...	+47°126	-10°629	0.70	...	...
...	21°603	+16°948	0.65	...	...	...	34°879	+9°152	-4	...	...	...	47°711	-15°780	-5	p	...
...	21°630	-55°755	-5	...	...	*	35°011	-12°048	0.95	51.I037	9.8	...	47°742	-19°028	-5	...	...
...	21°776	+48°597	-3	...	...	...	35°168	+47°927	-3	...	...	...	47°891	+33°417	0.65	...	...
...	21°811	+35°665	-3	...	...	...	35°449	+27°661	-4	...	...	...	48°090	+14°806	-4	...	...
31I	+22°019	+28°787	0.75	...	...	37I	+35°748	+28°553	0.70	...	...	43I	+48°429	-17°724	0.80	51.I052	10.2
...	22°026	-53°281	-3	...	...	...	35°879	+25°054	-2	...	...	...	48°498	+4°006	1.00	50.II26	10.0
...	22°168	-32°220	0.65	...	...	...	36°133	-54°039	-4	...	...	†	48°535	+29°556	-5	...	...
...	22°263	+6°350	0.90	50.II08	10.2	...	36°147	+38°781	0.80	...	...	...	48°593	-21°013	1.05	51.I053	10.2
*	22°383	+9°953	1.10	50.II09	9.4	...	36°483	+34°079	-4	...	...	...	48°698	+14°123	0.65	...	...
...	+22°454	+36°318	-3	...	...	...	+36°558	+38°595	-3	...	...	...	+49°528	+15°420	-1	...	...
...	22°837	-36°017	0.70	...	...	*	36°975	+37°919	0.90	50.III8	10.2	...	50°064	+14°784	-1	...	...
...	23°288	-31°701	-5	...	...	...	37°567	+37°170	-4	...	...	...	50°071	+39°067	-1	...	...
...	23°574	-0°726	-5	...	...	...	37°921	+2°156	-4	...	...	*	51°286	+41°372	1.05	50.II27	9.6
...	23°814	+27°735	0.70	...	...	*	38°120	-31°157	0.90	51.I039	10.2	...	51°332	+8°468	-2	...	...
32I	+24°064	+34°768	-5	...	...	38I	+38°584	-11°562	0.85	51.I038	10.0	44I	+51°617	-1°986	1.40	50.II28	8.9
...	24°445	-16°829	-2	...	...	...	38°711	-29°944	0.75	51.I040	10.2	†	51°652	+4°554	-5	...	...
...	24°498	-17°366	-4	...	...	...	39°082	-54°958	-4	...	...	e *	51°711	-39°203	1.05	51.I054	10.0
S *	24°617	-33°265	1.25	51.I035	8.9	...	39°111	+20°500	0.75	50.III9	10.2	...	52°728	+54°819	-3	...	...
*	24°931	+24°432	1.00	50.IIII	9.8	...	39°453	+50°062	-4	...	...	...	52°975	+7°541	0.70	...	...
*	+24°932	+49°181	1.40	50.III0	8.8	*	+39°821	-21°619	0.90	51.I041	10.2	*	+53°571	+42°472	2.90	50.II29	7.8
...	25°327	-35°722	-4	...	...	...	39°937	+12°801	0.75	50.II20	10.2	...	53°861	+50°330	1.10	50.II30	10.2
...	25°829	+7°826	-4	...	...	...	40°074	-57°684	-4	...	...	...	54°043	+54°149	-1	...	...
...	26°127	-54°427	-5	...	...	...	40°279	-19°381	-5	...	...	...	54°115	-16°630	-3	...	...
...	26°578	-24°094	-3	...	...	...	40°306	-4°482	-3	...	...	e †	54°646	-54°994	1.70	51.I055	8.8
33I	+26°595	-53°783	1.05	51.I036	9.6	39I	+40°509	+33°279	0.80	50.II21	10.2	45I	+55°030	+0°152	-4	...	...
*	27°043	+44°217	1.00	50.III2	10.2	...	40°797	-25°486	0.65	...	...	...	56°061	-40°451	-3	e	...
...	27°048	+47°855	-2	...	...	...	40°895	-13°713	-3	...	...	...	56°066	+15°922	-4	...	...
...	27°552	+20°194	0.65	...	...	*	41°243	-30°001	0.90	51.I042	10.2	...	56°553	+39°787	-1	...	...
...	27°869	+45°148	-5	...	...	...	41°320	+50°707	-5	...	...	...	56°937	-41°217	-2	e	...
...	+27°869	+18°273	0.65	...	...	...	+41°526	-39°377	-5	...	...	...	+57°019	+40°924	-5	...	...
...	27°964	+2°571	-5	...	...	*	41°562	-15°897	3.80	51.I043	7.0	...	57°556	+52°238	-4	...	...
*	28°061	+58°662	1.50	49.I091	8.6	...	41°676	-55°055	-5	...	...	*	57°609	+15°996	0.95	50.II31	10.2
...	28°068	-11°610	-4	...	...	...	42°054	-19°237	0.85	51.I044	10.2	e *	57°659	-19°588	1.20	51.I056	8.9
...	28°262	+47°489	0.75	50.III4	10.2	...	42°267	-17°065	0.85	51.I045	10.2	*	58°120	+15°810	1.10	50.II32	9.6
34I	+28°267	+47°583	-5	...	...	40I	+42°322	+1°309	1.80	50.II22	8.3	46I	+58°337	+40°804	-5	...	...
*	28°294	+54°239	1.15	50.III3	9.4	S *	42°896	-54°104	1.90	51.I046	8.3	...	58°679	+36°517	-4	...	...
...	28°588	-12°157	0.75	...	...	...	42°978	+26°641	0.65	...	...	...	58°684	-5°961	-5	...	...
...	28°634	-11°419	-4	...	...	...	43°016	-49°185	-4	...	...	...	58°836	+42°244	-4	...	...
...	28°709	-35°786	0.65	...	...	...	43°032	-28°264	-4	...	...	...	59°190	+18°532	-5	...	...
...	+28°756	+56°860	-2	...	...	...	+43°529	+39°052	-5	...	...	...	+59°564	-43°405	-5	e	...
...	29°170	+45°045	0.80	...	...	...	43°896	+19°009	-5	...	...	...	59°608	+16°209	0.70	...	...
...	29°574	-29°811	-3	...	...	*	44°195	-41°040	0.90	51.I049	10.2	...	...	...	...	...	...
*	30°022	-40°860	0.85	...	...	*	44°198	+31°637	1.30	50.II23	9.0	...	...	...	...	...	...
...	30°081	-3°148	-3	...	...	*	44°474	-28°021	1.00	51.I048	9.8	...	...	...	...	...	...
35I	+30°459	-30°749	-3	...	...	41I	+44°539	-59°666	-2	...	...	...	...	...	...	...	...
...	30°757	-52°511	-2	...	...	...	44°605	+7°937	-3	...	...	...	...	...	...	...	...
*	30°982	+34°312	1.00	50.IIII5	9.4	†	44°743	+14°594	1.00	50.II24	9.4	...	...	...	...	...	...
...	32°527	+39°625	0.65	...	...	...	44°823	+31°263	0.70	...	...	...	...	...	...	...	...
...	32°748	+56°343	-3	...	...	...	44°837	-41°774	0.90	51.I050	10.2	...	...	...	...	...	...
...	+32°987	-11°195	-2	...	...	...	+44°908	+8°285	-4	...	...	...	...	...	...	...	...
*	33°027	+20°940	1.15	50.III16	9.2	...	44°974	+12°211	-4	...	...	...	...	...	...	...	...
*	33°580	+19°613	0.90	50.III17	10.2	...	45°008	-36°805	0.75	...	...	...	...	...	...	...	...
...	33°779	-1°088	-2	...	...	...	45°226	+40°109	-5	...	...	...	...	...	...	...	...
...	33°787	-1°216	-3	...	...	...	45°324	-54°266	1.00	51.I051	10.2	...	...	...	...	...	...

304, 305. C.P.D., probably mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1-60						61-120						121-180					
I						6I						12I					
E *	-60.020	-39.374	1.05	5I.I054	10.0	*	-45.076	+41.389	1.30	50.II36	8.8	†	-30.231	+19.490	-3	...	...
...	58.402	+39.781	-2	...	...	...	44.990	-31.418	-5	...	...	†	30.209	-14.793	1.00	5I.I068	10.0
...	58.281	+0.104	-4	...	...	*	44.959	-58.014	1.30	5I.I060	8.9	...	29.872	+34.534	-3	...	...
...	57.954	+40.926	-4	...	...	*	44.778	+29.241	0.95	50.II37	9.4	...	29.624	-36.881	0.65	...	...
...	57.912	+15.892	-4	...	...	*	44.764	-19.430	1.00	5I.I061	9.2	...	29.289	-19.001	-1	...	...
...	-57.904	+50.740	-3	...	...	...	-44.560	-37.525	-5	<i>p</i>	...	...	-29.255	-42.065	-4	...	...
...	57.890	+52.260	-3	...	...	...	44.519	-23.640	0.70	...	...	...	29.206	-49.348	-2	...	...
E †	56.425	-55.017	1.40	5I.I055	8.8	...	44.507	-26.290	-4	...	...	...	28.689	+22.062	-4	...	...
...	56.362	+16.032	0.85	50.II31	10.2	*	43.994	-36.316	1.00	5I.I062	9.8	...	28.543	-21.881	0.65	...	...
...	56.198	+42.313	-3	...	...	*	43.935	+29.026	2.20	50.II38	8.1	...	28.537	+55.223	0.90	...	...
II						7I						13I					
...	-56.127	+36.576	-5	...	...	...	-43.453	+41.322	-4	...	...	...	-28.534	+30.412	-4	A	...
...	56.025	-9.894	-4	<i>p</i>	...	S *	42.489	-43.650	1.20	5I.I063	8.9	...	28.396	+53.514	0.85	50.II48	10.2
*	55.843	+15.869	1.10	50.II32	9.6	*	42.089	+57.625	0.90	50.II40	10.2	*	27.865	+50.711	1.20	50.II49	8.9
...	55.619	-40.429	-3	E	...	...	41.870	+11.329	-4	...	...	...	27.145	-18.942	-3	...	...
...	55.148	-8.839	-5	...	...	*	41.694	+18.730	0.80	50.II39	10.2	S *	26.906	-13.925	1.50	5I.I069	8.4
...	-54.908	+18.626	-5	...	...	...	-41.141	-31.477	-3	...	...	*	-26.872	+59.407	0.85	49.II28	10.2
E *	54.865	-19.524	1.15	5I.I056	8.9	...	41.128	-52.134	-2	...	...	*	26.803	-43.671	0.95	5I.I070	10.2
...	54.714	-41.170	0.65	E	...	...	40.861	-44.467	-3	...	...	...	26.474	-24.523	-5	...	...
...	54.473	+30.290	-3	...	...	*	40.756	+12.130	0.90	50.II41	10.0	...	26.444	+33.038	-4	...	...
...	54.381	+16.320	0.70	...	...	...	40.386	-0.662	-2	...	...	...	25.982	-26.500	0.65	...	...
2I						8I						14I					
...	-53.630	+18.873	-5	...	...	...	-40.126	+29.606	-3	...	...	...	-25.943	+55.751	-3	...	...
...	53.516	+1.738	0.70	...	...	...	39.689	+2.827	0.80	50.II42	10.2	...	25.727	-24.602	-5	...	...
...	52.806	+38.540	-4	...	...	*	39.213	+46.488	2.10	50.II43	8.2	...	25.612	-39.149	-4	...	...
...	52.423	+44.125	-4	...	...	...	38.621	+18.044	-3	...	...	†	25.370	+20.768	1.20	50.II50	8.9
...	52.226	+45.732	0.70	...	...	...	38.434	-17.390	-3	...	...	...	25.107	-31.609	-4	...	...
...	-52.127	-29.339	0.75	...	...	...	-38.380	+12.175	-4	...	...	...	-24.564	+45.414	-3	...	...
...	52.062	+51.019	-5	...	...	*	38.004	-4.966	1.15	5I.I065	8.9	...	24.541	-21.816	0.80	...	...
...	51.996	-43.250	-5	E	...	...	37.993	+29.032	-5	...	...	...	24.401	+44.217	-1	...	...
...	51.975	+40.068	-5	...	...	...	36.863	-3.137	-5	...	...	...	24.390	+16.904	-4	...	...
*	51.519	-20.034	0.95	5I.I057	9.8	...	36.646	+34.877	-4	...	...	...	22.781	-1.909	1.00	50.II51	10.0
3I						9I						15I					
...	-51.285	-6.433	0.65	...	...	*	-36.354	+14.600	0.95	50.II44	9.6	...	-22.679	-14.434	-3	...	...
...	51.219	+35.101	-5	...	...	...	36.235	-10.682	-4	...	...	...	22.353	+28.167	0.70	...	...
...	50.651	+46.518	-5	...	...	...	35.916	-49.930	-2	...	...	...	21.941	-14.044	-4	...	...
†	50.225	+17.261	-2	...	...	...	35.915	+38.170	-3	...	...	*	21.889	+40.301	0.90	50.II52	10.2
...	49.964	+27.331	0.65	...	...	...	35.849	+0.320	-2	...	...	...	21.581	-43.866	0.65	...	...
*	-49.932	-19.300	0.95	5I.I058	10.0	...	-35.355	+8.573	0.80	...	...	...	-21.564	-50.498	-5	...	...
...	49.632	+1.177	0.70	...	...	...	35.348	+25.087	-4	...	...	...	21.110	+20.984	0.75	...	...
...	49.600	+57.845	-3	...	...	...	35.120	-37.951	-1	...	...	*	21.063	-25.006	1.20	5I.I072	9.0
...	49.372	+47.525	-3	...	...	...	35.070	+36.291	-5	B	...	*	20.764	-27.427	1.40	5I.I073	8.6
...	49.184	-59.873	-5	...	...	...	35.048	+45.902	-4	...	...	...	20.645	+51.564	0.70	...	...
4I						10I						16I					
*	-48.664	+47.051	1.10	50.II33	9.6	...	-34.917	+54.548	-1	...	...	*	-20.514	-44.711	1.05	5I.I074	9.8
...	48.593	-22.964	-1	...	...	...	34.711	+3.251	0.75	50.II45	10.2	...	20.446	+49.415	-3	...	...
...	48.483	-46.385	-3	...	...	...	33.815	+17.223	-5	...	...	†	20.269	-9.469	0.65	...	...
...	48.374	+39.073	0.65	...	...	...	33.672	+25.752	-5	...	...	...	20.114	+50.431	-1	...	...
...	48.250	-26.428	-4	...	...	...	33.142	-19.118	0.75	...	...	...	19.342	+1.002	-5	...	...
...	-48.119	-52.645	-1	...	...	...	-33.081	-11.106	-3	...	...	...	-18.990	-41.592	-5	...	...
...	48.101	-10.269	0.65	...	...	...	32.251	+45.928	-3	...	...	*	17.704	+1.131	0.90	50.II53	10.2
...	48.055	-42.796	-5	...	...	...	32.121	+46.798	-3	...	...	...	17.582	-18.466	1.00	5I.I075	9.8
...	47.558	+43.761	0.65	...	...	...	31.861	+28.496	-4	...	...	...	17.543	+15.481	-2	...	...
...	47.132	+16.367	0.65	...	...	...	31.735	+28.656	0.80	...	...	...	17.166	-38.945	-1	...	...
5I						III						17I					
*	-46.734	-3.888	1.00	5I.I059	9.6	...	-31.734	+43.031	-4	...	...	...	-17.132	+19.525	-1	...	...
...	46.170	+18.120	0.70	...	...	...	31.449	-34.320	-1	...	...	...	16.566	+28.479	-2	...	...
...	45.795	-44.034	-1	...	...	...	31.406	-27.991	-5	...	...	...	16.406	+54.979	0.65	...	...
...	45.723	-7.423	-2	...	...	*	31.394	+20.198	0.95	50.II46	10.0	*	15.964	-8.860	1.40	5I.I076	8.8
...	45.437	+45.569	0.90	50.II34	10.2	S *	31.367	+47.381	2.60	50.II47	8.0	†	15.363	+18.238	-5	...	...
...	-45.360	+46.905	0.80	50.II35	10.2	*	-30.881	-43.273	0.80	5I.I066	10.2	...	-15.232	+5.249	-3	...	...
†	45.259	-8.867	-5	...	...	...	30.760	-44.247	-1	...	...	...	15.123	-29.068	-4	...	...
...	45.179	-47.751	-3	...	...	...	30.612	-47.788	-5	...	...	S *	15.082	+31.631	2.15	50.II54	8.1
...	45.091	-46.075	-5	<i>p</i>	...	*	30.394	-39.572	0.80	5I.I067	10.2	...	15.040	-34.561	0.75	...	...
...	45.087	+19.020	-3	...	...	...	30.348	+1.864	-2	...	...	...	14.984	-13.182	-3	...	...

MB measured from 1, 121, 252, 344.

MC " " 58, 176, 302, 388.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
18I						24I						30I					
...	-14'577	-12'749	-2	...	...	...	-2'457	-16'326	1'00	51.I085	9.8	...	+13'787	-52'966	0.65	...	...
*	14'235	+56'439	1'00	50.II55	10.0	...	2'390	-35'928	-5	...	...	...	15'024	+29'395	-4	...	...
...	14'115	+47'465	-3	...	...	*	1'630	-11'802	1'10	51.I086	9.4	...	15'215	+23'053	-4	...	...
...	14'104	+46'878	-4	...	...	...	1'541	-8'538	-4	...	...	...	15'575	+48'782	-3	...	...
...	14'020	-53'403	-5	...	...	...	1'505	+1'795	-4	...	...	...	15'593	-50'554	-3	...	...
...	-13'922	+24'091	-3	...	...	*	-1'248	+34'603	0.80	50.II64	10.2	S *	+15'873	+11'158	1.20	50.II77	8.8
†	13'774	+29'736	-2	...	...	...	1'240	+39'375	0.65	...	...	†	17'148	+49'600	-2	...	...
*	13'271	-29'044	1'50	51.I077	8.8	...	1'055	+3'548	-3	50.II65	10.2	...	17'926	+9'301	-3	...	...
...	13'081	+48'670	0.70	...	...	...	0'722	+4'430	-2	...	...	*	18'538	-17'799	1.20	51.I098	9.0
*	12'301	-28'920	1'80	51.I078	8.4	...	0'513	+25'020	-3	...	...	...	18'698	-48'489	-4	...	...
19I						25I						31I					
...	-12'296	-37'995	-2	...	...	...	-0'474	-28'484	-4	...	...	...	+18'885	-48'721	-5	...	...
*	12'139	+1'317	1'60	50.II56	8.8	...	+0'038	-50'808	-5	...	...	...	19'125	-22'042	-5	...	...
...	11'310	+14'085	-4	...	...	a m	0'087	+0'561	-1	50.II67	10.2	...	19'470	+21'368	0.80	50.II78	10.2
...	11'230	-43'118	-4	...	...	...	0'204	+13'947	0.80	50.II66	10.2	...	19'499	+23'386	0.75	50.II79	10.2
S *	10'904	-48'682	3.25	51.I079	6.9	...	0'436	+23'090	0.75	...	...	...	19'689	-4'482	-5	...	...
...	-10'390	+46'402	-4	...	...	...	+0'533	-52'461	-5	...	...	...	+19'781	+39'013	-1	...	...
...	10'067	-27'743	-4	...	...	...	1'048	+9'867	0.85	50.II68	10.2	...	20'415	-13'660	-4	...	...
...	9'916	-52'729	0.85	51.I080	10.2	...	1'254	-30'032	0.85	51.I087	10.2	*	20'798	-12'407	1'00	51.I099	9.0
...	9'863	-49'534	-3	...	...	...	1'439	-58'303	-4	...	...	...	20'862	-12'312	0.85	...	...
...	9'459	+43'183	-3	...	...	...	1'708	+11'754	-2	...	...	...	20'875	-41'657	0.65	...	...
20I						26I						32I					
...	-9'188	-0'145	-2	...	...	*	+1'726	+45'267	1'00	50.II69	9.8	...	+21'570	-0'503	-5	...	...
...	9'061	-38'425	0.85	51.I081	9.8	...	1'923	+58'591	-1	...	...	...	21'878	+49'784	-4	...	...
†	9'006	-50'125	-4	...	...	...	2'203	-32'254	0.80	51.I088	10.2	...	21'935	-22'708	-4	...	...
*	8'959	+36'430	1'00	50.II57	9.6	*	2'688	-37'895	1'15	51.I089	9.2	*	22'585	-1'503	0.90	50.II80	10.0
...	8'904	+22'801	-3	...	...	...	2'785	+58'733	-1	...	...	...	23'151	-30'018	-5	...	...
...	-8'709	-49'858	-4	...	...	...	+2'813	+8'161	-5	...	...	...	+23'580	-52'414	-3	...	...
*	8'670	-32'702	1'00	51.I082	9.4	...	3'228	-22'146	-4	...	...	*	23'687	+9'027	0.90	50.II81	9.6
...	8'638	+50'443	-3	...	...	*	3'818	+11'912	1'20	50.II70	9.0	...	24'314	-22'111	-4	...	...
†	8'479	+19'696	-2	...	...	*	3'831	-4'814	1'05	51.I090	9.8	...	24'667	-22'118	-5	...	...
...	8'330	+38'605	-5	...	...	*	3'983	-59'658	1'20	51.I091	8.8	...	24'800	-10'577	-2	...	...
21I						27I						33I					
...	-8'227	+37'831	-3	...	...	...	+4'145	+52'900	0.70	...	...	*	+24'836	-0'149	1'00	50.II82	9.4
...	7'965	-33'087	-5	...	...	...	4'199	-58'790	-2	...	...	*	24'847	-17'172	1'00	51.II00	9.8
...	7'790	-16'338	-4	...	...	†	4'655	-60'014	-3	...	...	*	25'033	-47'725	1'00	51.II01	9.6
*	7'765	+14'836	0.90	50.II58	10.0	...	5'303	-34'087	-3	...	...	...	25'684	+49'720	-3	...	...
...	7'655	+30'063	-5	A	...	...	5'693	-29'672	-2	...	...	...	26'182	+44'088	-1	...	...
...	-7'529	+55'583	-1	...	...	...	+5'781	-47'221	0.85	51.I092	10.2	...	+26'282	+42'413	-2	...	...
...	7'204	+10'737	1'00	50.II59	10.0	*	5'786	-55'909	1'00	51.I093	9.8	...	26'395	-0'466	-5	...	...
...	7'132	+59'256	-4	...	...	*	5'937	+6'769	1'10	50.II71	9.4	...	26'473	+43'928	-2	...	...
...	6'912	+56'105	0.90	50.II60	10.2	...	6'110	+31'994	-2	...	...	...	26'610	+48'273	-5	...	...
*	6'752	+38'109	0.95	50.II61	9.8	†	6'154	+34'644	-5	...	...	...	27'411	+54'042	-1	...	...
22I						28I						34I					
...	-6'617	-38'112	-2	...	...	...	+6'504	+10'967	0.80	...	...	...	+27'552	-20'439	-4	...	...
...	6'204	+12'026	-1	50.II62	10.2	...	6'645	-41'192	-5	...	...	...	28'243	-21'668	0.90	51.II02	9.8
...	5'727	+49'811	-4	...	...	*	7'398	-54'018	0.95	51.I094	10.0	*	28'608	-51'132	1'20	51.II03	9.4
...	5'426	+3'374	-4	...	...	...	7'648	-44'867	-5	...	...	...	29'786	-23'263	1'05	51.II04	9.6
†	5'335	-3'448	-1	...	...	...	7'683	-47'876	0.65	...	...	*	30'170	-8'031	1'90	51.II05	8.2
...	-5'233	+48'743	-4	...	...	...	+8'300	+45'737	0.70	...	...	...	+30'351	+56'966	-2	...	...
...	4'816	-19'849	-4	...	...	S *	8'394	-39'628	2'00	51.I095	8.2	...	31'447	+14'658	-3	...	...
...	4'516	+32'686	-1	...	...	*	8'614	+6'787	1'20	50.II72	9.0	S *	32'012	-51'280	1'40	51.II06	8.2
...	4'222	+45'744	0.75	...	...	...	8'673	+23'198	-4	...	...	...	33'597	+55'148	-5	m	...
...	4'127	+34'906	0.75	50.II63	10.2	†	8'784	+38'969	0.70	...	...	*	33'730	+40'962	0.90	50.II83	10.2
23I						29I						35I					
...	-3'886	+2'135	-3	...	...	...	+8'924	-21'534	-4	...	...	...	+34'660	-34'934	-5	...	...
...	3'852	-43'798	-5	...	...	...	9'753	-32'174	0.70	51.I096	10.2	...	34'844	+48'608	0.80	50.II84	10.2
...	3'624	+3'838	-2	...	...	...	9'951	-31'791	0.65	...	...	...	34'883	-41'700	-5	...	...
...	3'559	+50'524	0.65	...	...	...	10'090	-13'145	1'00	51.I097	10.0	*	35'342	+47'308	0.95	50.II85	10.0
...	3'450	-43'331	0.85	51.I083	10.2	S †	10'363	+49'624	1'90	50.II73	8.0	...	35'730	+40'858	0.75	50.II86	10.2
...	-3'402	-31'438	-4	...	...	...	+10'457	+58'865	-4	...	...	...	+35'774	+40'960	0.65	...	...
*	3'281	-47'997	1'30	51.I084	8.8	...	10'504	+16'065	0.80	50.II74	10.2	...	35'986	+32'015	-4	...	...
...	3'259	+16'699	-3	...	...	...	11'947	+35'846	0.90	50.II75	10.0	*	36'004	+13'968	1'10	50.II87	9.2
...	2'867	+49'769	0.65	...	...	*	13'077	+44'191	1'40	50.II76	8.8	...	36'017	-4'850	-4	...	...
...	2'851	-14'844	-4	...	...	...	13'771	-55'219	-3	...	...	...	36'125	-40'769	-3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-390						391-420						421-443					
36I	...	...	...	...	...	39I	...	...	...	...	...	42I	...	...	...	...	...
...	+36°600	+ 8°889	- 3	...	...	...	+45°386	-28°642	- 2	...	...	...	+52°205	-18°600	1°40	51.III7	8.9
...	36°655	+ 1°370	- 5	m	...	...	45°412	+ 0°167	- 2	...	...	...	52°702	- 6°164	0°85	51.III8	10.2
...	36°716	-23°485	- 3	...	...	...	45°689	+40°599	- 3	...	...	e	53°548	-44°261	1°00	51.III9	9.4
...	37°212	-58°931	- 2	...	...	...	46°407	- 9°702	- 4	...	...	...	53°996	+13°764	- 1	...	...
*	37°720	+50°768	1°20	50.II88	8.5	...	46°476	+ 9°324	- 4	...	...	...	54°151	+45°672	- 4	...	...
...	+37°904	+18°351	- 4	...	...	...	+46°962	+ 8°525	- 3	...	...	...	+55°077	- 7°157	0°65	e	...
...	38°296	-21°584	- 4	...	...	...	47°071	-26°763	- 3	...	...	...	55°221	+52°270	- 3	...	...
†	39°213	-40°138	0°70	...	...	†	47°286	-35°177	0°85	51.III1	10.2	...	56°772	-55°780	- 3	e	...
*	39°696	-21°013	1°05	51.II07	9.6	...	47°561	+19°622	- 4	...	...	...	56°797	+ 2°023	0°65	...	...
*	39°896	-34°806	1°05	51.II09	9.6	...	48°018	-22°323	- 3	...	...	e	56°937	-26°801	1°10	51.II20	9.0
37I	...	...	...	...	...	40I	...	...	...	...	...	43I	...	...	...	...	...
...	+40°120	+ 6°743	- 2	...	...	...	+48°120	+ 2°258	0°80	...	...	...	+56°976	-15°400	- 4	...	...
...	40°210	- 2°186	0°95	50.II89	9.4	*	48°181	+41°470	1°00	50.II90	9.6	...	57°366	+ 1°733	- 4	...	...
S *	40°221	- 2°743	3°10	51.II08	7.3	*	48°310	-22°334	0°90	51.III2	10.0	...	57°465	+ 1°500	- 4	...	...
...	40°240	+34°925	- 3	...	...	...	48°423	+50°816	- 3	...	...	*	57°601	+ 9°386	0°80	50.II94	10.2
...	40°694	+37°521	0°70	...	...	...	48°844	-30°360	0°85	51.III3	10.2	...	57°682	+15°973	- 4	...	...
...	+40°731	+11°762	- 1	...	...	*	+48°925	-39°616	1°05	51.III4	9.0	...	+57°964	-17°093	0°65	e	...
...	40°754	-29°411	- 2	...	...	...	49°848	-45°505	- 4	...	...	...	58°345	+14°667	- 5	e	...
...	41°878	+31°049	0°75	...	...	*	49°893	- 8°505	1°15	51.III5	9.0	...	58°356	+55°571	- 4	...	...
...	42°085	-25°580	- 5	...	...	...	50°158	+ 7°867	0°70	...	...	*	58°510	+ 4°217	0°90	50.II96	10.2
...	42°135	+28°140	- 5	m	...	*	50°712	+56°277	1°00	50.II91	10.0	...	58°568	+48°232	- 5	...	...
38I	...	...	...	...	...	4II	...	...	...	...	...	44I	...	...	...	...	...
...	+42°550	- 1°226	0°75	...	...	...	+50°935	+26°710	- 4	...	...	*	+58°715	+18°103	1°30	50.II95	9.0
...	43°022	+43°287	- 4	...	...	...	51°270	-12°596	- 3	...	...	...	58°856	+31°996	- 3	...	...
...	43°287	- 8°866	0°65	...	...	...	51°295	-32°177	- 5	...	...	...	59°012	-52°939	- 3	e	...
...	43°359	-57°670	- 3	...	...	...	51°416	-27°411	- 3	...	...	...	...	...	...	...	...
...	43°434	+43°043	- 4	...	...	...	51°506	+ 6°726	- 4	...	...	...	...	...	...	...	...
*	+44°095	- 5°502	1°30	51.III0	8.8	*	+51°506	- 9°337	0°85	51.III6	10.2	...	...	...	...	...	...
...	44°244	-11°572	- 1	...	...	...	51°668	-11°492	- 3	...	...	...	...	...	...	...	...
†	44°833	+24°748	- 4	...	...	S *	51°787	+41°632	3°00	50.II92	6.8	...	...	...	...	...	...
...	45°115	+ 2°983	0°70	...	...	*	52°055	+ 0°403	0°90	50.II93	10.0	...	...	...	...	...	...
...	45°137	+48°793	- 5	...	...	...	52°178	+28°267	- 5	m	...	...	...	...	...	...	...

1-20						21-40						41-60					
I	x.	y.	Diam.	C.P.D.	Notes.	2I	x.	y.	Diam.	C.P.D.	Notes.	4I	x.	y.	Diam.	C.P.D.	Notes.
...	-59°894	+13°642	-1	...	...	...	-52°789	-17°994	-3	...	...	...	-48°771	-12°195	0°70	...	...
E*	57°968	-44°350	1°00	51.III9	9.4	...	52°540	+42°295	0°75	...	...	*	48°528	-55°791	1°00	51.II23	9.8
...	57°950	-7°213	0°70	E	...	*	52°538	+41°959	2°00	50.II99	8.4	...	48°157	-14°724	-3	...	...
...	57°230	+55°581	-3	...	...	*	52°531	+2°548	1°00	50.II98	9.4	...	47°681	-38°438	0°65	...	...
...	56°669	-13°745	-5	...	...	...	52°209	+17°375	-4	...	...	...	47°519	-49°254	-4	...	...
...	-56°612	+2°021	0°65	...	...	...	-52°164	-52°801	-3	E	...	*	-47°500	-25°078	0°95	51.II24	10.2
...	56°300	+15°995	-5	...	...	...	52°083	+9°897	-3	...	...	*	47°272	+40°316	1°90	50.II202	8.3
*	56°113	+9°409	0°85	50.II94	10.2	*	52°012	+41°540	1°00	50.II200	9.6	...	47°101	-33°624	-5	...	...
...	56°037	+1°764	-4	...	...	...	51°575	-46°252	-3	...	...	*	46°565	-44°248	0°90	51.II25	10.0
...	55°922	+1°531	-3	...	...	...	51°337	+3°500	-5	M	...	...	46°061	+23°738	-4	...	...
II	...	...	...	...	...	3I	...	...	...	...	...	5I	...	...	...	...	...
...	-55°765	+32°045	-3	...	...	...	-51°124	-46°701	-2	...	...	*	-45°984	-43°536	1°10	51.II26	9.2
...	55°579	+14°723	-5	E	...	*	50°720	+0°627	0°90	50.II201	10.0	...	45°492	-50°079	-3	...	...
*	55°345	+18°169	1°30	50.II95	9.0	...	50°645	+27°832	-3	...	...	...	44°969	-29°232	-3	...	...
E*	55°293	-26°771	1°30	51.II20	9.0	...	50°556	-53°758	-2	...	...	*	44°056	-45°343	1°20	51.II27	9.0
...	55°241	+53°577	-5	...	...	...	50°523	+35°207	-3	...	...	...	43°999	+42°915	-1	...	...
*	-54°997	+4°291	0°95	50.II96	10.2	...	-50°268	-9°844	-4	...	...	...	-43°471	-21°853	0°70	...	...
...	54°667	-17°024	0°75	E	...	...	50°193	+54°316	-2	...	...	*	43°429	-21°692	1°05	51.II28	9.6
...	54°273	-55°741	-3	E	...	...	49°711	-4°574	-3	...	...	...	43°313	-57°990	-5	p	...
...	53°553	+42°911	0°80	50.II97	10.2	...	49°338	-42°227	0°80	51.II22	10.2	...	42°763	+52°927	-3	...	...
...	53°070	-46°098	-5	...	...	...	49°126	+58°435	-4	...	...	...	42°330	-27°806	-4	...	...

MC measured from I, 113, 206, 314.

MB " " 53, 157, 264, 375.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
61-120						121-180						181-240					
6I	-42.249	-11.758	-2	...	...	12I	-26.902	+5.915	-3	...	...	18I	-9.746	+7.484	-5	M	...
*	42.160	-57.099	1.15	51.II29	9.4	...	26.618	+38.930	-4	...	...	*	9.214	+24.899	0.90	50.I217	9.8
...	41.945	-11.172	-5	...	...	†	26.589	+39.612	0.65	...	...	...	8.844	+9.111	-5	M	...
...	41.551	-22.219	0.70	...	...	*	26.413	+8.321	1.70	50.I211	8.8	*	8.509	-52.587	0.95	51.II52	10.0
...	41.188	+1.055	0.75	...	...	...	26.272	-56.957	-3	...	...	*	7.964	+25.423	1.10	50.I218	9.6
...	-41.100	+4.105	-1	...	...	...	-26.091	+40.654	0.70	...	...	...	-7.045	-29.026	-2	...	...
S †	40.763	-50.114	1.10	51.II30	9.0	...	25.014	-6.520	0.80	51.II40	10.2	...	6.080	-20.353	0.75	...	...
...	40.472	-0.653	-5	p	...	...	24.524	+48.895	-1	...	...	...	6.054	+42.099	0.75	...	...
...	39.886	-36.961	-3	...	...	...	24.221	+11.125	-4	...	...	...	5.036	+29.453	-1	...	...
†	39.737	-45.204	0.75	51.II31	10.2	...	23.912	-43.503	-3	...	...	...	5.006	-17.368	-5	...	...
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
...	-39.350	+27.295	-4	...	...	...	-23.420	+53.517	-3	...	...	...	-4.914	-14.865	-1	...	...
*	39.344	-24.958	1.00	51.II32	9.8	*	23.236	+14.470	0.90	50.I212	10.0	...	4.842	+40.835	0.65	...	...
...	39.206	-10.327	0.65	...	...	...	23.097	+41.707	-1	...	...	...	4.701	-50.794	0.65	...	...
...	39.160	-3.472	0.70	...	...	S *	22.042	+8.136	2.60	50.I213	7.8	...	4.659	-16.770	-4	...	...
...	39.062	+25.084	-4	...	...	*	20.997	-51.029	2.80	51.II41	7.9	...	4.545	-21.283	0.85	51.II53	10.0
...	-38.825	+45.164	-3	...	...	*	-20.958	-58.079	1.00	51.II42	9.8	...	-4.077	-34.895	-4	...	...
...	38.393	-29.989	-5	...	...	...	20.944	+38.604	-3	...	...	...	3.839	-35.129	-4	...	...
*	38.195	-28.869	1.00	51.II33	9.8	...	20.942	-1.591	0.70	...	...	...	3.394	-33.530	-5	...	...
*	37.575	-25.947	1.20	51.II34	9.0	*	20.846	-8.931	1.00	51.II43	9.4	...	3.192	+22.589	-3	...	...
...	37.419	+2.591	-3	...	...	...	20.659	+41.130	-4	...	...	*	3.173	+19.845	1.10	50.I219	9.6
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
...	-37.393	+4.257	-1	...	...	†	-20.159	-9.645	0.80	51.II45	10.2	*	-1.794	-28.682	1.00	51.II54	10.0
...	37.205	+20.333	-3	A	...	†	20.131	-55.411	0.80	51.II44	10.2	...	1.373	-1.601	0.70	...	...
...	36.914	+44.388	-2	...	...	*	20.036	+57.798	0.90	49.II94	10.2	*	1.364	+4.327	1.05	50.I220	9.8
...	36.873	+44.461	0.90	50.I204	10.0	...	19.615	-30.024	-3	...	...	...	1.326	+25.879	0.75	...	...
...	36.820	+10.897	0.70	50.I203	10.2	*	19.530	+33.844	1.20	50.I214	9.3	†	0.803	-55.123	-5	...	...
...	-36.677	+10.937	0.65	...	...	...	-19.491	+48.640	-3	...	...	...	-0.073	-41.243	0.70	...	...
...	36.444	+45.911	-3	...	...	...	19.468	+36.526	-3	...	...	...	+0.055	-58.308	-3	...	...
...	36.337	+21.171	0.80	...	...	...	17.366	+10.221	-1	...	...	...	0.075	+19.946	0.80	50.I221	10.0
...	35.489	-2.064	0.65	...	...	*	17.135	-49.672	1.00	51.II46	9.3	...	0.244	-13.672	-3	...	...
...	35.294	-1.209	-5	...	...	...	17.126	+34.932	-3	...	...	...	0.467	+44.891	-3	...	...
9I	...	...	...	...	...	15I	...	...	...	...	...	21I	...	...	...	...	...
...	-35.250	-20.883	0.85	...	...	...	-17.048	+1.058	-2	...	...	...	+0.696	+27.256	-3	...	...
*	35.243	-39.640	1.00	51.II35	10.0	*	16.701	-58.986	0.95	51.II47	10.0	...	1.090	+48.759	-4	...	...
...	35.215	-45.091	-4	...	...	...	16.645	+37.723	0.65	...	...	...	1.198	+40.359	0.65	...	...
...	35.047	+52.475	1.30	50.I205	8.8	...	16.238	+18.076	-3	...	...	*	1.483	-38.935	1.00	51.II55	9.6
...	34.530	+56.834	1.90	50.I206	8.4	...	16.003	-20.599	-5	p	...	...	1.608	-47.691	-3	...	...
...	-34.417	-49.207	-2	...	...	*	-15.945	-37.338	1.10	51.II48	9.3	S *	+1.911	-53.789	4.20	51.II57	5.8
...	34.052	-41.573	-4	...	...	...	14.910	+41.454	0.75	...	...	S *	3.107	-12.961	3.50	51.II59	7.2
...	33.925	+28.417	0.75	50.I207	10.2	...	14.587	+24.357	-5	...	...	...	3.453	-38.907	-2	...	...
S *	33.805	-25.322	1.20	51.II36	8.8	...	14.581	-7.423	-4	...	...	*	3.511	+41.961	1.00	50.I222	9.6
*	33.649	+3.540	0.90	50.I208	10.2	...	14.475	-34.639	0.80	...	...	...	3.813	+39.413	-4	...	...
10I	...	...	...	...	...	16I	...	...	...	...	...	22I	...	...	...	...	...
...	-33.309	-21.998	-5	...	...	...	-14.202	+26.197	-5	...	...	*	+4.078	+23.501	1.30	50.I223	9.2
...	32.850	-13.799	0.70	...	...	...	14.093	-10.797	-5	...	...	...	4.129	+40.147	-3	...	...
...	32.573	+7.956	-4	...	...	...	13.826	+26.061	-4	...	...	...	4.163	-44.689	-2	...	...
...	32.270	+20.233	-2	A	...	...	13.653	-50.409	-5	...	...	...	4.218	-47.351	-2	...	...
*	32.094	-44.355	0.95	51.II37	10.2	S *	13.555	+38.463	1.40	50.I215	8.6	...	4.245	+47.409	-3	...	...
*	-32.027	+48.004	0.85	50.I209	10.2	...	-13.533	+42.881	-5	...	...	S *	+4.481	+20.128	3.15	50.I224	7.4
...	31.974	-2.964	0.90	51.II38	10.2	...	13.358	-9.627	0.90	51.II49	10.0	*	5.166	-40.491	1.30	51.II61	9.2
...	31.816	-25.973	-4	...	...	...	13.169	-13.688	-2	...	...	*	5.261	-5.904	1.00	51.II60	9.4
...	31.522	-23.330	-4	...	...	...	12.738	-45.993	-1	...	...	*	5.665	+36.699	1.40	50.I225	8.4
...	31.409	+22.173	-1	...	...	...	12.049	+13.003	0.75	...	...	...	6.200	-37.306	-2	...	...
11I	...	...	...	...	...	17I	...	...	...	...	...	23I	...	...	...	...	...
...	-31.088	-38.075	-4	...	...	...	-11.817	-44.455	-5	...	...	...	+6.209	+40.184	-2	...	...
...	30.220	+11.894	-4	...	...	...	11.626	+58.949	-2	...	...	...	6.357	+23.140	0.65	...	...
...	29.477	+8.374	0.70	50.I210	10.2	...	11.458	+37.052	-4	...	...	*	6.462	-1.778	1.20	50.I226	9.0
*	28.388	-57.982	1.00	51.II39	9.6	*	11.255	-49.816	0.95	51.II50	10.0	...	7.145	+55.750	-3	...	...
...	27.716	-57.483	-3	...	...	...	11.209	+0.445	-5	M	...	*	7.386	-7.575	1.00	51.II62	9.3
...	-27.438	+58.964	-3	...	...	*	-11.157	+45.201	1.15	50.I216	9.0	...	+7.397	-38.496	-4	...	...
...	27.421	-31.864	-3	...	...	...	10.963	-39.922	0.75	...	...	...	8.076	+46.819	-5	...	...
...	26.930	-35.226	-3	...	...	...	10.874	-25.673	-2	...	...	...	8.319	-39.064	-4	...	...
N	26.920	-36.066	-3	...	...	*	10.118	-30.561	0.95	51.II51	10.0	...	8.382	+56.473	-5	...	...
...	26.905	-32.595	-4	...	...	...	9.971	-51.636	0.70	...	...	...	8.967	-26.661	-3	...	...

119. Obscured by fault ; 2nd image measured and corrected.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
241-300						301-360						361-420					
24I	+9°006	-14°279	-3	...	...	30I	+25°989	-9°575	-3	...	...	36I	+40°887	+32°466	-4	b	...
...	9°011	-54°407	-4	...	...	...	26°124	-24°329	0°70	...	...	...	41°438	+46°853	-2	...	...
...	9°083	-50°629	-1	...	...	...	26°311	-15°585	-5	...	...	...	41°571	+59°190	-3	...	...
...	9°426	-23°246	-4	...	...	*	26°843	+44°108	0°95	50.I235	10°0	...	41°621	-39°318	-4	...	...
†	9°755	-19°148	1°10	51.II63	9°4	...	26°940	+27°895	-5	...	...	...	42°543	+24°888	-4	...	...
...	+10°254	-28°120	-2	...	...	*	+27°216	-18°619	1°20	51.II73	9°0	*	+42°601	-2°918	0°90	50.I241	10°0
...	10°490	+8°035	-1	...	...	...	27°667	+34°970	-5	m	...	*	42°840	-29°480	1°20	51.II79	9°4
...	10°559	-6°050	0°90	51.II64	10°0	...	28°062	-3°640	-5	...	...	...	43°050	+9°354	0°85	...	...
...	10°583	+42°694	-4	...	...	...	28°518	-33°836	-4	...	...	...	43°200	-42°349	0°85	51.II80	10°0
*	10°987	-21°084	0°95	51.II65	10°0	...	28°835	-42°925	0°70	...	...	...	43°498	-36°457	-4	...	...
25I	+11°518	-37°951	-2	...	...	31I	+28°864	-7°595	-4	...	...	37I	+44°008	+46°207	-3	...	...
...	11°820	-44°640	-2	...	...	...	28°936	+54°960	-3	...	...	...	44°149	-51°992	0°70	...	...
...	11°844	+26°670	0°90	50.I227	10°0	...	29°287	-59°570	-5	...	...	...	44°274	+21°502	-3	...	...
...	11°865	-55°907	-2	...	...	...	29°823	+56°694	-2	...	...	...	44°309	+5°266	0°85	50.I242	10°0
...	12°204	+34°247	0°65	...	...	...	30°120	+1°712	-3	...	...	...	45°649	+10°972	-1	...	...
...	+12°355	+59°458	-3	...	...	†	+30°182	+14°616	0°80	50.I236	10°0	...	+45°812	-47°124	-3	...	...
...	12°480	-1°482	-5	p	...	...	30°370	+59°019	-5	...	...	S*	46°391	+41°800	1°15	50.I243	9°0
...	12°829	+9°480	-1	...	...	...	30°423	+11°394	-3	...	...	...	46°489	+13°834	-5	...	...
*	13°509	+51°611	1°00	50.I228	9°6	...	30°797	-13°072	-3	...	...	...	46°547	+1°279	-4	...	...
...	13°615	-50°010	-4	...	...	...	30°994	-12°828	0°70	...	...	...	47°542	-58°419	0°80	...	...
26I	+14°097	+57°249	-2	...	...	32I	+31°329	-19°933	0°75	...	...	38I	+47°572	+33°948	0°80	...	...
...	14°197	-37°248	0°65	51.II66	10°0	...	31°355	+15°874	-5	...	...	...	47°879	-12°683	0°75	...	...
*	14°500	-21°716	1°30	51.II67	9°2	...	31°594	-52°734	-4	...	...	...	47°993	+15°046	-4	...	...
...	14°951	+7°670	0°85	...	...	*	32°495	-31°563	0°95	51.II74	9°8	...	48°114	-4°724	0°65	...	...
*	15°165	+38°330	1°00	50.I229	9°8	*	32°731	+55°365	1°00	50.I237	9°4	...	48°251	-28°269	-5	...	...
...	+15°659	-26°006	-5	p	...	...	+33°200	+6°714	-3	...	...	*	+48°381	-28°376	0°80	...	...
...	15°767	+37°732	0°70	...	...	...	33°265	+38°693	-5	...	...	*	48°566	+53°303	1°00	...	...
*	16°216	-17°774	1°30	51.II68	9°0	...	33°365	+40°069	0°65	...	...	...	48°699	-9°869	-5	...	...
...	16°312	-26°782	0°80	...	...	...	33°412	+6°944	-4	...	...	*	49°061	+13°982	0°95	50.I245	9°8
*	16°337	-24°335	1°10	51.II69	9°4	...	33°486	-52°211	-3	...	...	...	49°070	-36°825	0°65	...	...
27I	+16°423	+54°527	1°30	50.I230	8°8	33I	+33°532	+34°804	1°30	50.I238	9°0	39I	+49°095	+55°556	0°85	50.I244	10°0
S†	16°588	-18°279	-5	...	...	*	33°707	-22°350	-4	...	...	...	49°111	+22°840	0°65	...	...
...	16°840	+10°442	-2	...	...	...	33°766	-52°296	0°90	51.II75	10°0	...	49°444	+32°608	0°70	...	...
...	16°962	+8°356	0°80	...	...	...	34°295	-23°762	-4	...	...	...	49°471	+40°936	-2	...	...
...	17°278	-21°258	-3	...	...	...	34°414	-41°041	-2	...	...	...	49°524	-9°565	-3	...	...
...	+17°279	+50°465	0°85	50.I231	10°0	...	+34°462	+14°087	-4	...	...	...	+49°830	+48°806	-5	...	...
...	17°304	+17°209	-4	...	...	...	34°587	-58°660	-5	...	...	...	49°877	-37°262	0°70	...	...
...	17°417	-13°087	0°65	...	...	†	34°678	-37°532	-4	...	...	*	50°192	-27°108	0°95	51.II81	10°0
...	17°942	+48°093	-4	...	...	...	34°811	-52°605	-4	...	...	...	50°330	+35°610	0°85	...	...
...	18°558	+6°886	-3	...	...	...	34°907	+55°897	-2	...	...	...	51°462	+25°311	-3	...	...
28I	+19°040	-36°498	-1	...	...	34I	+35°073	-0°975	-4	...	...	40I	+51°594	-3°816	0°80	...	...
...	19°061	-40°728	0°85	51.II70	10°0	...	37°353	-45°786	-2	...	...	...	51°635	-15°525	-4	...	...
...	19°476	+46°461	-3	...	...	*	37°616	+4°550	1°70	50.I239	8°4	...	51°898	-25°690	0°85	...	...
...	19°622	+36°542	-5	...	...	...	38°053	+1°100	-3	...	...	...	51°930	+7°733	0°75	...	...
...	20°164	-27°315	-3	...	...	...	38°098	+21°706	-4	...	...	...	51°984	+38°698	-3	...	...
...	+20°754	-35°314	-5	...	...	...	+38°484	+30°863	-2	...	...	...	+52°154	-34°599	0°80	e	...
...	21°618	-0°405	-2	...	...	...	38°557	+54°304	-4	...	...	...	52°250	-8°680	-1	...	...
...	21°624	-18°206	0°75	...	...	...	38°837	-48°416	-5	...	...	e*	52°389	-38°984	1°40	51.II82	9°0
...	21°809	-2°999	-5	...	...	...	38°844	+24°739	-3	...	...	...	52°786	-37°238	0°80	e	...
*	22°389	-53°728	0°95	...	...	...	38°866	-43°892	-2	...	...	...	53°313	+7°498	0°80	...	...
29I	+22°449	+35°174	-3	...	...	35I	+38°908	-59°305	1°00	51.II76	9°8	41I	+54°270	-18°562	-5	...	...
*	22°633	+44°740	1°00	50.I232	10°0	*	39°818	+55°064	1°20	50.I240	9°2	...	54°531	+35°015	0°85	...	...
...	23°759	+16°520	0°80	...	...	†	39°913	-0°305	-3	...	...	†	54°568	+5°099	-3	...	...
...	24°526	+20°206	0°65	...	...	*	39°947	-8°654	1°00	51.II77	9°6	†	54°660	-50°435	-5	...	...
...	24°802	+44°868	-2	...	...	...	39°981	-30°656	-4	...	...	S*	54°942	+10°458	4°60	50.I246	6°9
†	+25°045	+4°710	1°10	50.I234	9°4	...	+40°155	-0°425	-4	...	...	...	+55°144	-36°124	0°75	e	...
...	25°280	+21°806	0°90	...	...	...	40°297	-26°298	0°65	...	...	...	55°449	+30°505	-5	...	...
*	25°384	-13°405	1°05	51.II71	10°0	S*	40°442	-16°854	2°40	51.II78	8°0	†	55°532	-60°061	0°95	51.II84	10°0
*	25°498	+39°748	1°10	50.I233	9°4	...	40°513	-12°191	-4	...	...	e*	55°730	-49°137	1°80	51.II83	8°8
...	25°625	-54°930	1°00	51.II72	10°0	...	40°844	-44°553	-4	...	...	...	57°022	-42°754	-2	e	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		...	No.
421-430						431-437											
42I						43I											
...	+57.195	+34.946	-1	...	...	e	+58.095	-59.268	1.10	51.1188	9.8						
...	57.326	-6.957	-2	e	...	...	58.239	+24.881	-1	...	...						
...	57.364	+43.197	-5	...	...	...	58.423	-7.072	-3	...	...						
...	57.378	+39.909	0.95	50.1247	10.0	e	58.533	-55.281	0.80	51.1189	10.0						
...	57.503	+31.523	-5	...	...	...	58.575	+10.173	-4	...	...						
...	+57.600	+31.996	0.80	...	...	e *	+58.939	-11.308	1.05	51.1186	10.0						
...	57.675	+2.373	0.70	...	...	†	58.997	+39.515	0.75	50.1248	10.0						
...	57.675	-11.610	0.65	e	...												
e *	57.741	-6.069	1.20	51.1185	9.0												
e *	57.798	-53.877	1.10	51.1187	9.8												

1-40						41-80						81-120					
I						4I						8I					
...	-59.751	-34.745	-2	E	...	...	-49.456	+33.872	-3	...	...	*	-41.968	-2.079	1.00	50.1256	9.8
E *	59.336	-39.121	1.20	51.1182	9.0	...	49.226	+21.418	-3	...	...	...	41.680	+9.847	0.80	...	...
...	59.011	-37.378	-1	E	...	...	49.166	+42.021	-4	...	...	...	41.601	-27.493	-2	...	...
...	58.949	+5.022	-3	...	...	...	49.097	-44.615	-5	...	...	...	41.130	+26.745	-5	...	...
S †	58.764	+10.393	3.40	50.1246	6.9	...	48.764	-12.655	-5	...	...	...	40.889	-25.527	-4	...	...
...	-57.561	+39.905	0.85	50.1247	10.0	...	-48.372	-4.117	0.95	51.1190	10.0	...	-40.880	+19.060	-4	...	...
...	57.531	+34.947	-1	...	...	†	48.350	+15.392	-4	...	...	...	40.793	+18.971	-5	...	...
...	57.101	+31.527	-5	...	...	...	47.981	-24.188	-4	...	...	...	40.251	-33.734	-3	...	...
...	57.010	+32.008	-1	...	...	...	47.942	+54.133	-4	...	...	...	40.088	+40.881	-5	...	...
...	56.690	-36.150	-1	E	...	*	47.729	+57.287	1.00	49.1245	10.0	...	39.802	-32.926	-4	...	...
II						5I						9I					
...	-56.618	-50.461	-5	...	...	*	-47.578	-12.289	2.80	51.1191	7.6	†	-39.522	-29.472	0.80	51.1196	10.0
...	56.077	+24.942	-2	...	...	...	47.480	-22.828	-4	...	...	...	39.500	+31.090	-3	...	...
...	55.925	+39.581	0.70	50.1248	10.0	...	47.277	+26.197	-3	...	...	S *	39.370	+49.060	1.00	50.1257	9.4
...	55.748	-41.343	-5	p	...	...	47.101	+9.173	-4	...	...	...	39.328	-33.426	-5	p	...
...	55.744	+2.425	-1	...	...	...	47.047	+29.511	-3	...	...	...	39.082	-25.857	-2	...	...
...	-55.696	-6.914	-4	E	...	...	-46.949	+50.969	-5	...	...	*	-39.014	-52.471	1.30	51.1197	9.0
...	55.582	+55.639	-2	...	...	...	46.465	+52.662	-1	...	...	...	38.971	+60.050	-1	...	...
E *	55.579	-49.134	1.20	51.1183	8.8	*	46.272	-9.658	2.00	51.1192	8.4	...	38.942	+58.051	-3	...	...
...	55.341	-19.164	-5	p	...	...	45.592	-32.221	-4	...	...	*	38.643	-20.763	1.00	51.1198	9.8
E *	55.329	-6.019	1.20	51.1185	9.0	...	45.464	-44.831	-4	...	...	...	38.437	-5.195	-5	p	...
2I						6I						10I					
...	-55.177	-11.550	-3	E	...	...	-45.391	-46.121	0.90	51.1193	10.0	...	-37.895	-24.672	-4	...	...
...	55.148	+10.242	-5	...	...	...	45.341	-31.200	-5	...	...	...	37.322	-22.637	-2	...	...
...	55.049	+58.622	-3	...	...	...	45.211	-29.692	-3	...	...	...	37.198	+59.176	-5	...	...
...	54.554	-42.707	-3	E	...	...	45.169	+25.559	-5	...	...	...	36.176	+35.634	-4	...	...
E *	53.912	-11.198	1.00	51.1186	10.0	...	44.929	+1.326	-5	...	...	...	36.124	+35.203	-1	...	...
*	-53.623	+3.156	1.05	50.1249	9.4	*	-44.475	-12.461	1.20	51.1194	9.2	...	-35.946	+54.539	-5	...	...
E *	53.335	-53.793	1.15	51.1187	9.8	...	43.759	+23.245	-3	...	...	...	35.588	+15.296	-1	...	...
*	53.103	+20.720	1.15	50.1251	9.2	...	43.514	+50.527	-5	...	...	...	35.350	+49.308	-3	...	...
*	53.074	+0.567	1.05	50.1250	9.2	...	43.384	-2.998	-4	...	...	...	35.079	+51.423	-4	...	...
E	52.803	-59.165	0.95	51.1188	9.8	...	43.206	-44.277	-2	...	...	*	34.886	-18.740	0.95	51.1199	10.0
3I						7I						III					
E	-52.551	-55.156	-1	51.1189	10.0	...	-43.203	-31.775	-4	...	...	...	-34.489	+35.479	-5	A	...
...	52.287	+47.579	-3	...	...	...	42.986	-54.227	-3	...	...	...	34.425	-16.153	-3	...	...
*	51.842	+50.818	1.20	50.1253	9.2	...	42.650	-33.027	-4	...	...	...	34.324	-51.975	-4	...	...
*	51.767	+39.027	1.20	50.1252	9.0	...	42.628	-40.456	-1	...	...	...	34.241	-7.882	0.75	...	...
...	50.364	+11.058	-4	...	...	S *	42.446	-52.931	2.20	51.1195	7.8	...	34.215	-17.854	-3	...	...
...	-50.355	+7.597	0.85	50.1254	10.0	...	-42.122	-1.901	-3	...	...	...	-34.109	+29.522	0.90	50.1258	10.0
...	50.214	+52.803	-4	...	...	...	42.094	+1.462	-1	...	...	...	33.922	+55.406	-5	...	...
...	50.076	+6.561	0.70	50.1255	10.0	...	42.061	+13.543	-4	...	...	...	33.799	+40.820	-5	...	...
†	49.928	+38.395	-3	...	...	...	42.037	-7.124	0.85	...	...	...	33.570	-30.531	-4	...	...
†	49.919	+45.460	-4	...	...	...	41.969	-46.978	-1	...	...	...	33.545	-20.099	-3	...	...

MB measured from 1, 135, 290, 437.
MC " " 65, 216, 343, 511.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
121-180						181-240						241-300					
12I						18I						24I					
*	-33°357	+20°971	0.95	50.1259	9.8	...	-21°432	+30°699	-2	...	...	...	-10°472	-21°793	-5	...	...
*	33°344	-12°703	0.90	51.1200	10.0	...	21°400	+45°156	-5	...	...	...	10°139	+13°792	-4	...	...
...	33°317	+35°525	-4	...	...	...	21°299	-53°714	-4	...	...	*	9°870	-15°943	1.30	51.1217	9.2
...	33°184	+26°403	-4	...	...	...	21°187	+34°134	-5	A	...	*	9°724	+51°734	1.30	50.1281	9.0
...	33°182	-49°755	-4	...	...	...	21°162	-23°549	-5	...	...	...	9°491	+29°019	-3	...	...
...	-32°336	+3°685	-2	...	...	...	-20°864	+33°131	-5	...	...	*	-9°247	+34°697	1.40	50.1282	9.0
...	32°082	-16°759	-5	...	...	...	20°767	-42°395	-5	...	...	*	9°237	-23°502	1.40	51.1218	8.8
*	31°932	-17°452	1.00	51.1201	9.3	...	20°759	-35°573	-3	...	...	...	8°930	-38°168	-4	...	...
†	31°519	-54°314	-4	...	...	...	20°744	+21°174	-5	...	...	†	8°402	+30°387	1.20	50.1283	9.0
...	31°101	-35°575	1.50	51.1202	8.6	...	20°545	-34°679	-2	...	...	*	8°223	-0°693	1.50	50.1284	8.6
13I						19I						25I					
...	-31°099	-7°098	-5	...	...	S*	-20°508	+36°028	3.30	50.1270	7.0	...	-8°210	+30°329	-5	...	...
*	30°724	-27°816	0.90	51.1203	10.0	...	20°236	-9°814	-5	...	...	...	8°053	+32°778	-4	...	...
...	30°609	-18°010	0.90	51.1204	9.8	...	20°205	-15°532	-3	...	...	...	7°891	+30°122	-4	...	...
†	30°012	-15°076	-2	51.1205	10.0	†	20°010	+51°770	1.00	50.1271	9.4	...	7°826	+35°489	-3	...	...
S*	29°916	-27°085	1.20	51.1206	8.8	...	19°569	-4°743	-4	...	...	...	7°626	+44°038	-5	...	...
...	-29°832	-27°147	-1	...	...	...	-19°266	-47°166	-5	...	...	...	-7°518	+43°061	-3	...	...
...	29°409	-47°723	-1	...	...	...	19°206	+21°317	0.80	50.1272	10.0	*	7°341	+24°213	1.10	50.1285	9.3
...	29°306	+42°611	-2	...	...	...	18°570	-54°071	-5	...	...	...	6°895	-37°046	-3	...	...
...	29°283	-8°208	-3	...	...	*	18°296	+23°382	1.10	50.1273	9.6	...	6°768	-8°720	-4	...	...
...	29°171	-8°412	-4	p	...	*	18°262	-33°625	1.00	51.1212	10.0	...	6°737	+9°261	-4	...	...
14I						20I						26I					
...	-29°061	-46°789	-4	...	...	...	-18°002	-18°146	-2	...	...	...	-6°530	+20°062	-2	...	...
...	28°806	+39°424	-2	...	...	...	17°672	+41°652	-3	...	...	...	6°486	-4°991	-3	...	...
...	28°548	+37°645	-2	...	...	*	17°536	-7°820	1.60	51.1213	8.7	...	6°039	+54°372	-3	...	...
...	28°534	-33°535	0.65	...	...	...	17°209	-59°000	-5	...	...	...	5°951	+49°289	-2	...	...
...	27°903	-13°602	-4	...	...	*	16°766	+36°223	1.10	50.1274	9.4	...	5°804	-21°278	-4	...	...
...	-27°833	+6°529	1.00	50.1260	10.0	*	-16°679	+57°386	1.05	49.1265	9.8	*	-5°739	-6°297	1.20	51.1219	9.0
...	27°828	+31°826	0.70	...	...	*	16°457	+35°566	0.95	50.1276	9.8	...	5°721	+51°170	-5	...	...
...	27°768	+29°832	0.70	...	...	S*	16°417	+3°190	2.00	50.1275	8.4	...	5°302	+5°814	0.90	50.1286	9.8
...	27°598	-49°727	-4	...	...	*	16°353	-26°774	0.85	51.1214	10.0	...	5°299	+28°186	-5	...	...
...	27°548	+59°916	-4	...	...	*	16°190	+34°418	0.90	50.1277	10.0	...	5°246	+6°820	-5	...	...
15I						21I						27I					
*	-27°517	+1°384	1.60	50.1261	8.6	...	-16°035	+47°513	-5	...	...	...	-4°664	+7°533	-3	...	...
...	27°509	-35°571	-4	...	...	...	16°032	+53°910	-5	...	...	...	4°122	+58°138	-4	...	...
...	27°022	+30°900	0.70	...	...	...	15°538	+42°256	-4	...	...	...	3°722	-15°982	0.80	...	...
*	26°970	+38°864	1.30	50.1262	9.0	...	15°440	+39°788	-2	...	...	*	3°305	+40°508	0.90	50.1287	10.0
...	26°864	+38°729	-5	...	...	†	15°134	-5°323	-4	...	...	...	3°156	+19°326	-5	...	...
*	-26°481	+23°410	1.05	50.1263	9.8	*	-14°900	+42°630	1.00	50.1278	9.6	...	-3°070	+55°486	-4	...	...
...	26°084	+60°001	-3	...	...	...	14°897	-0°779	-2	...	...	...	3°008	-56°790	-4	...	...
...	26°003	-31°524	-5	...	...	...	14°819	+54°408	-4	...	...	...	2°937	-8°194	-4	...	...
...	25°725	+7°891	-5	...	...	...	14°700	-23°225	-3	...	...	...	2°511	-48°768	-1	...	...
...	25°512	+52°714	-5	...	...	...	14°260	-48°074	-4	...	...	...	2°492	-35°700	-2	...	...
16I						22I						28I					
...	-25°225	+17°559	0.75	...	...	...	-13°690	+33°453	-4	...	...	...	-2°354	+36°821	-3	...	...
...	24°878	-46°127	-4	...	...	...	13°666	-8°038	-3	...	...	...	2°037	+47°547	-5	...	...
*	24°849	-56°470	1.30	51.1207	8.7	...	13°545	-7°224	-4	...	...	...	1°725	+10°938	-5	...	...
*	24°791	+1°699	1.00	50.1265	9.6	...	13°476	+35°635	-5	...	...	...	1°610	+44°062	-2	...	...
*	24°712	+0°256	2.40	50.1264	8.0	...	13°279	+20°248	-1	...	...	...	1°485	+24°000	-4	...	...
*	-24°391	+36°648	0.95	50.1267	9.6	...	-13°165	-53°462	-4	...	...	...	-1°229	+1°992	-5	m	...
*	24°370	+20°852	1.00	50.1266	9.4	...	12°970	+42°517	0.90	50.1279	10.0	...	1°055	+36°328	0.75	...	...
...	24°165	+13°129	-5	...	...	*	12°845	-12°895	1.30	51.1215	9.2	...	0°848	-25°478	-5	p	...
*	24°147	-7°586	1.10	51.1208	9.4	...	12°502	+55°437	-1	...	...	...	-0°135	-58°363	-4	...	...
...	23°947	-53°732	-5	...	...	...	12°106	-22°266	-5	...	...	...	+0°769	+23°071	-4	...	...
17I						23I						29I					
...	-23°799	+11°843	0.90	50.1268	9.8	...	-11°971	-28°011	-4	p	...	*	+1°180	-41°847	1.00	51.1220	9.8
*	23°717	-39°196	1.15	51.1209	9.2	...	11°870	-3°824	-4	...	...	...	1°197	+23°451	-4	...	...
...	23°121	-50°642	-5	...	...	...	11°747	-41°215	-4	...	...	...	1°749	-54°046	-5	...	...
*	22°872	-43°196	1.20	51.1211	9.0	...	11°318	-56°415	-5	p	...	*	1°866	-19°678	1.15	51.1221	9.6
...	22°621	-44°843	-5	...	...	...	11°275	+43°139	0.90	50.1280	10.0	...	1°971	-6°456	-2	...	...
...	-22°399	+14°453	0.70	50.1269	10.0	...	-11°059	+21°498	-4	...	...	*	+2°060	-51°015	0.95	51.1222	10.0
...	22°281	-28°097	-4	...	...	...	11°052	+47°202	-3	...	...	*	2°493	+25°505	1.20	50.1288	9.0
...	22°225	+8°241	-4	...	...	...	10°992	-21°734	-5	...	...	...	2°990	+30°588	-5	...	...
...	22°101	+46°542	-5	...	...	...	10°903	-30°470	-5	p	...	†	3°493	-44°412	-5	...	...
...	21°470	+51°899	-3	...	...	...	10°896	+54°811	-5	...	...	...	3°734	+46°961	-3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.			
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.		
301-360						361-420						421-480							
30I	+	4.174	-43.563	-5	...	36I	+	17.839	-19.228	-4	...	42I	+	27.653	+37.941	-3	...		
...	*	4.263	+14.123	1.00	50.1289	9.8	...	17.898	+19.848	-2	...	...	...	27.718	+37.183	-4	...		
...	*	4.477	+27.199	1.00	50.1290	9.8	*	18.110	+47.972	0.90	...	...	...	27.765	-38.935	-4	...		
†	†	4.842	+16.388	-5	...	...	...	18.170	+56.468	-4	...	*	...	27.875	-33.396	1.50	51.1237		
...	+	4.959	-32.373	-3	...	...	*	18.286	+43.596	0.95	50.1301	10.0	...	28.009	+ 6.283	-3	...		
...	+	5.047	+59.896	-5	...	...	*	+18.436	-45.717	1.10	51.1231	9.2	...	+28.294	+53.792	-5	...		
...	...	5.184	+ 7.595	-3	...	...	...	18.506	+ 5.109	-5	...	...	...	28.374	+ 0.890	-5	...		
...	*	5.678	+53.158	1.00	50.1291	9.8	...	18.594	+43.348	-4	...	...	...	28.444	-16.216	-4	...		
...	*	5.990	-13.614	1.40	51.1223	8.6	...	18.822	+ 5.106	-1	...	...	...	28.647	+ 7.392	-4	...		
...	*	6.060	-30.061	1.60	51.1224	8.6	...	18.836	+38.964	-2	...	...	...	28.680	+53.322	-3	...		
31I	...	+	6.226	+42.956	-5	...	37I	...	+18.945	- 7.853	-3	...	43I	...	+29.021	+13.233	-5	...	
...	...	...	6.374	+ 2.784	-5	...	...	...	19.146	- 5.244	-3	...	...	...	29.203	+ 0.312	-3	a	
...	...	...	7.268	+21.887	-1	...	...	...	19.370	-20.807	-5	p	*	...	29.260	+30.784	1.30	50.1308	
...	...	...	7.444	- 4.981	-5	...	...	...	19.524	+45.580	-4	...	...	...	29.398	- 6.221	-3	...	
...	*	...	7.723	+ 1.042	1.10	50.1292	9.3	...	19.606	-53.081	-2	...	...	...	29.608	+44.673	-4	...	
...	+	7.729	-10.619	-4	...	...	S *	+	19.682	-15.301	3.40	51.1232	6.5	...	+29.729	- 8.979	-1	51.1238	
S *	...	7.825	+38.003	3.20	50.1293	7.0	...	...	19.906	-32.192	-3	...	...	...	30.065	-34.239	0.75	...	
...	...	8.044	- 3.267	-1	...	...	*	...	20.124	-25.293	1.00	51.1233	9.4	S *	...	30.250	+40.073	1.30	
...	...	8.169	+10.644	-4	...	...	...	...	20.186	+39.406	-4	...	...	...	30.545	- 4.329	-2	...	
...	...	8.523	-44.522	0.65	...	...	...	...	20.199	-11.583	-5	p	...	...	30.568	+29.117	-5	...	
32I	...	+	8.610	+33.673	-5	...	38I	*	+20.414	+19.463	1.20	50.1302	9.3	44I	...	+30.706	-18.688	-5	p
...	...	...	9.378	-45.321	-5	p	...	...	20.751	+49.479	0.80	...	...	...	31.005	-21.764	-3	...	
...	*	...	10.568	-44.228	1.00	51.1225	9.8	*	...	21.151	+24.108	1.40	50.1303	9.0	...	31.037	+ 7.118	0.75	...
...	...	...	11.041	-55.057	0.95	51.1227	10.0	*	...	21.343	- 1.768	1.20	50.1305	9.2	*	...	31.239	- 6.158	1.00
...	*	...	11.061	+41.261	-5	...	...	...	...	21.485	+54.638	-1	...	...	...	31.458	- 9.093	-5	...
...	+	11.113	-15.702	1.40	51.1226	8.9	...	...	+21.518	+46.955	0.95	50.1304	9.8	...	+31.569	+ 4.294	-4	...	
...	...	11.149	+41.545	0.80	...	...	...	...	21.905	+43.408	-3	...	...	...	31.572	+15.022	-3	...	
...	...	11.332	-45.814	-5	p	...	...	...	21.933	-56.866	-3	...	...	...	32.511	+ 6.764	-1	...	
S *	...	11.520	-54.562	1.00	51.1228	9.4	...	...	21.971	+57.446	-4	...	...	...	32.805	- 2.941	0.65	...	
...	...	11.886	-52.505	-5	...	...	...	...	21.984	+29.139	-5	...	...	...	33.167	-28.405	0.70	...	
33I	...	+	12.159	+57.117	-2	...	39I	...	+22.092	+52.933	-5	...	45I	...	+33.428	+26.987	-5	...	
...	...	...	12.542	+44.812	-5	...	...	...	22.244	+31.322	-4	...	...	...	33.445	- 8.092	-2	...	
...	...	...	12.660	- 8.120	-5	...	...	...	22.273	-48.328	-1	...	...	...	33.649	+17.971	-1	...	
...	*	...	12.781	+21.115	1.20	50.1294	9.0	...	22.416	-20.325	-4	...	...	...	33.737	-29.803	0.70	...	
...	*	...	13.192	+34.241	1.20	50.1295	9.3	...	22.652	+17.057	0.75	50.1306	10.0	...	33.895	-47.897	-5	p	
...	+	13.636	+41.962	-4	...	...	...	+	22.753	-42.664	-4	...	†	+	34.070	-49.389	-5	...	
...	*	...	13.730	+25.647	1.20	50.1296	9.2	...	22.797	+ 5.682	-5	...	...	...	34.115	-14.898	-4	p	
...	*	...	14.049	+22.048	1.20	50.1297	9.0	...	22.850	- 5.256	-1	...	...	...	34.657	+22.592	-4	...	
...	...	...	14.186	- 1.120	-5	...	...	...	22.906	-32.350	-4	...	...	...	35.156	+56.445	-5	...	
...	...	...	14.222	+41.506	-3	...	...	...	23.091	+18.604	-5	...	...	*	35.307	+20.071	1.10	50.1311	
34I	...	+	14.343	- 9.159	1.00	51.1229	10.0	40I	...	+23.575	+11.725	-5	...	46I	...	+35.315	+40.211	0.90	50.1310
...	*	...	14.514	+22.593	1.60	50.1298	8.6	...	...	23.767	+21.674	-3	...	...	...	35.572	+28.301	-4	...
†	†	...	14.944	-30.728	1.50	51.1230	8.8	*	...	23.975	-47.347	1.10	51.1235	9.4	...	36.105	-29.823	0.80	...
...	*	...	14.950	+49.447	-4	...	...	*	...	23.977	-38.265	1.00	51.1234	9.6	...	36.635	-50.655	-5	p
...	+	15.067	+28.148	1.00	50.1299	10.0	...	...	...	24.043	+28.511	0.90	...	...	...	36.651	-46.915	-5	...
...	+	15.097	-20.055	-5	p	...	...	...	+	24.080	+15.147	-5	...	...	...	+36.759	+33.630	-5	b
...	...	15.493	+51.186	-3	...	...	...	...	...	24.288	-17.385	-3	...	...	...	38.410	+18.530	0.80	...
...	...	15.650	-22.863	0.70	...	...	...	...	...	24.713	+11.412	-5	...	...	...	38.464	+32.292	-4	...
...	...	15.701	+40.906	-1	...	...	...	...	...	24.899	+53.508	-2	...	S *	...	38.593	-38.582	1.20	51.1241
...	*	15.727	+ 8.360	0.90	...	...	...	...	...	24.922	+10.672	-5	...	*	...	38.684	+ 4.734	0.90	50.1312
35I	...	+	16.662	+36.039	1.00	50.1300	9.6	41I	...	+25.206	-35.890	-3	...	47I	...	+38.979	-43.836	0.85	51.1242
...	...	...	16.724	-36.193	-4	...	...	*	...	25.397	+36.951	0.95	50.1307	9.8	...	38.988	+16.110	-5	...
...	...	...	17.052	-54.624	-1	...	...	...	...	25.431	+13.859	-4	...	...	...	39.035	+ 4.345	-5	...
...	...	...	17.060	- 0.320	-2	...	...	...	...	25.476	+54.192	-4	...	...	...	39.142	+13.381	0.80	50.1313
...	...	...	17.105	+ 1.659	-3	...	...	†	...	25.896	+50.401	-4	...	...	...	39.258	+ 2.332	-3	...
...	+	17.108	+ 2.358	-3	...	...	...	...	+	26.193	+11.185	-3	...	...	...	+39.258	-22.671	-4	...
...	...	17.346	+31.623	-2	...	...	...	...	...	26.259	-11.018	-5	p	...	...	39.296	-13.809	-5	p
...	...	17.436	+42.452	-4	...	...	*	...	...	26.964	-45.841	1.40	51.1236	8.9	...	39.318	-47.016	-4	...
...	...	17.580	+30.849	-5	...	...	...	...	...	27.154	+17.653	-4	...	*	...	39.485	+ 6.106	1.05	50.1315
...	...	17.774	-32.653	-4	...	...	...	...	...	27.521	-23.287	-2	...	...	...	39.693	+30.093	-4	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag		<i>x.</i>	<i>y.</i>		No.	Mag		<i>x.</i>	<i>y.</i>		No.	Mag
481-510						511-540						541-561					
48I	+39°730	-34°255	0.95	51.1243	10.0	51I	+44°852	-19°032	-4	<i>p</i>	...	54I	+54°550	+35°185	-5	...	...
...	39°747	+38°199	1.15	50.1314	9.0	...	44°905	-7°055	0.85	51.1245	10.0	...	54°610	+39°949	-1	...	...
†	39°827	+49°565	-5	...	...	†	45°480	-44°375	-4	...	...	†	54°726	-24°908	-5	<i>e</i>	...
...	40°025	-19°812	-1	...	...	...	45°544	+7°119	-4	...	...	<i>e</i> †	54°732	-51°240	0.90	51.1248	9.6
...	40°365	-28°465	-2	...	...	...	45°628	-14°704	-5	<i>p</i>	...	...	55°265	-52°214	-2	<i>e</i>	...
*	+40°554	-0°236	0.95	50.1317	10.0	...	+46°008	+27°474	0.70	...	...	...	+55°445	+30°020	-1	...	...
...	40°684	+48°888	-5	...	...	*	46°553	-12°014	1.90	51.1246	8.6	...	55°710	+59°200	-3	49.1309	10.0
...	40°774	+30°636	0.85	50.1316	10.0	...	46°778	-21°852	-3	...	...	...	56°308	+7°292	-3	...	...
...	41°156	-16°494	-3	...	...	...	47°652	-1°500	-2	...	...	<i>e</i> *	56°785	-48°116	1.50	51.1250	9.3
...	41°473	+58°715	-5	...	...	...	48°124	+49°666	-5	...	...	†	57°330	+35°335	-2	...	...
49I	+41°578	+55°250	-5	...	...	52I	+48°316	+0°566	-1	...	...	55I	+57°948	-19°196	-4	<i>e</i>	...
...	41°578	-57°104	-5	...	...	...	48°472	+38°613	-1	...	...	...	58°034	+7°372	-5	...	...
...	41°622	-0°614	-4	...	...	†	49°787	+16°761	0.75	...	...	...	58°053	-9°163	-3	<i>e</i>	...
...	41°740	-8°995	0.70	...	...	†	49°845	+35°433	0.95	50.1320	9.6	*	58°414	+37°931	1.10	50.1326	9.3
...	41°779	-25°496	-3	...	...	...	50°158	+14°280	-3	...	...	...	58°543	+16°766	-2	...	...
...	+41°998	-50°197	-3	...	...	*	+50°291	+37°058	1.00	50.1321	9.8	...	+59°081	+43°216	-5	<i>m</i>	...
...	42°110	-39°842	-2	...	...	...	50°715	+24°635	-5	...	...	...	59°121	+56°010	-5	...	...
...	42°647	+21°829	-5	...	...	...	50°888	-11°636	-1	...	...	<i>S</i> *	59°394	+38°479	2.00	50.1327	8.0
...	42°753	-8°846	-5	...	...	...	51°190	-14°563	0.85	...	...	...	59°415	-47°915	-4	<i>e</i>	...
*	42°936	-4°295	0.80	...	...	...	52°298	-43°585	-4	<i>e</i>	...	<i>S</i> *	59°439	+8°500	1.60	50.1328	8.0
50I	+43°023	+9°550	0.90	...	...	53I	+52°582	+15°757	0.90	50.1324	10.0	56I	+59°640	+2°377	1.00	50.1330	9.6
*	43°361	+56°371	1.00	50.1318	9.8	*	52°583	+36°995	1.20	50.1322	9.3	*	...	...	...	...	...
...	43°472	+46°154	-3	...	...	...	52°642	-35°507	-2	<i>e</i>	...	...	...	...	...	...	...
...	43°504	-4°982	-5	...	...	...	52°661	-50°675	-4	<i>e</i>	...	...	...	...	...	...	...
...	43°575	+28°927	-5	...	...	<i>Se</i> *	52°705	-25°486	2.30	51.1247	7.6	...	...	...	...	...	...
*	+43°668	-27°364	1.20	51.1244	9.0	...	+52°968	+43°719	0.90	50.1323	9.8	...	...	...	...	...	...
...	43°776	+19°144	0.85	...	...	*	53°017	+36°989	0.90	50.1325	9.8	...	...	...	...	...	...
...	44°009	+45°260	-1	...	...	...	53°495	-33°983	-4	<i>e</i>	...	...	...	...	...	...	...
*	44°391	+50°460	1.00	50.1319	9.8	...	53°496	-12°666	-3	<i>e</i>	...	...	...	...	...	...	...
...	44°698	+18°818	-4	...	...	...	53°630	+8°608	-4	...	...	...	...	...	...	...	...

1-20						21-40						41-60					
I	-59°997	+59°115	-3	49.1309	10.0	2I	-55°471	+38°563	2.00	50.1327	8.0	4I	-51°001	+54°509	-1	...	...
<i>SE</i> *	59°564	-25°633	2.20	51.1247	7.6	<i>S</i> *	55°452	+16°821	-2	...	...	...	50°712	-36°466	-3	...	...
...	59°289	-12°781	-3	<i>E</i>	...	...	54°896	-9°100	-2	<i>E</i>	...	...	50°542	-54°051	0.80	51.1251	10.0
...	59°235	-43°730	-3	<i>E</i>	...	*	54°662	+28°410	1.00	50.1329	10.0	...	48°981	+20°450	0.80	...	...
...	59°228	-35°634	-2	<i>E</i>	...	...	54°589	-19°124	-3	<i>E</i>	...	...	48°886	+36°312	-2	...	...
†	-59°063	+29°936	-3	...	...	<i>E</i> *	-54°572	-48°074	1.30	51.1250	9.3	...	-48°723	-14°209	-5	<i>p</i>	...
...	58°611	-50°786	-5	<i>E</i>	...	...	54°399	-59°703	0.90	51.1249	9.8	...	48°656	+2°438	-3	...	...
...	58°445	-34°078	-4	<i>E</i>	...	<i>S</i> *	54°216	+8°604	1.70	50.1328	8.0	*	47°654	-40°432	1.00	51.1253	10.0
...	58°121	-11°079	-3	...	...	...	53°878	+35°522	-4	...	...	...	47°370	+1°692	-5	...	...
...	57°567	-24°973	-3	<i>E</i>	...	...	53°853	+21°202	-4	...	...	*	47°214	+12°995	1.05	50.1334	9.3
II.	-57°412	+35°347	-2	...	...	3I	-53°772	+2°496	1.00	50.1330	9.6	5I	-47°185	+19°852	1.40	50.1335	8.6
...	57°308	+7°271	-2	...	...	*	53°725	+19°598	-1	...	...	...	47°185	-37°004	-2	...	...
...	57°092	+53°762	-3	...	...	...	53°035	-0°287	-4	...	...	...	47°127	+5°920	0.65	...	...
...	56°991	+8°827	-5	<i>A</i>	...	...	52°768	+38°167	-3	...	...	...	46°715	+15°466	-3	...	...
...	56°651	-57°044	-5	<i>p</i>	...	*	52°630	+12°293	1.00	50.1331	9.8	...	46°369	+44°625	-5	...	...
<i>E</i>	-56°488	-51°272	1.00	51.1248	9.6	*	-52°432	+2°718	1.00	50.1332	9.6	...	-46°083	-0°752	-5	<i>p</i>	...
...	56°469	+56°089	-4	...	...	...	52°227	+40°178	-1	...	...	...	46°074	+11°136	-3	...	...
*	56°444	+37°967	1.10	50.1326	9.3	...	51°971	-47°754	-2	<i>E</i>	...	...	46°074	+4°778	0.85	50.1336	10.0
...	55°921	-52°227	-2	<i>E</i>	...	*	51°635	+28°583	0.90	50.1333	10.0	...	45°883	-10°034	0.95	51.1254	9.8
...	55°590	+7°426	-4	...	...	...	51°317	+1°110	-3	...	...	...	45°808	-17°584	-3	...	...

MC measured from 1, 87, 178, 279, 384, 479.

MB " " 44, 133, 227, 334, 435, 515.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
61-120						121-180						181-240					
6I	-45.669	+22.625	-5	...	...	12I	-34.133	-41.776	-1	...	...	18I	-19.480	+58.861	-5	...	...
*	45.413	+39.246	1.50	50.I337	8.4	...	33.454	-39.933	-4	...	...	...	19.239	-58.495	-4	p	...
...	45.413	-38.934	-3	...	...	...	32.517	+17.503	-3	...	...	...	19.006	+19.277	-3	...	...
†	45.086	+37.475	0.75	...	...	*	32.088	+20.718	1.10	50.I343	9.2	...	18.703	+11.522	-4	...	...
...	44.876	-13.011	-4	...	...	*	32.054	+1.074	0.90	50.I342	10.0	...	18.079	+32.738	-1	...	...
...	-44.268	-4.178	0.85	...	...	...	-31.803	+30.143	-4	...	...	...	-17.478	+39.053	-4	...	...
...	44.042	-53.604	-3	...	...	...	31.774	+40.666	-5	...	...	...	17.439	+29.465	-4	...	...
...	43.839	+48.808	-5	...	...	...	31.591	+18.244	-3	...	...	...	17.431	-8.665	-5	...	...
...	43.723	+43.700	-4	...	...	...	31.483	-36.056	-4	...	...	...	17.162	+50.745	-4	...	...
...	43.613	+50.139	-3	...	...	...	31.291	+16.025	-4	...	...	...	17.036	+41.621	-4	...	...
7I	-43.308	-36.216	-4	...	...	13I	-31.103	-19.472	-1	...	...	19I	-16.810	+48.157	-3	...	...
...	42.986	-22.910	0.70	...	...	...	30.504	+11.305	-4	...	...	...	16.734	-7.680	-4	...	...
...	42.304	-12.654	-5	...	...	...	30.081	-33.206	-5	...	...	...	16.654	+49.583	-5	...	...
...	42.162	-0.143	-3	...	...	...	29.822	+17.860	-4	...	...	...	16.582	-5.144	-1	...	...
...	42.139	+35.263	-1	...	...	...	29.789	+18.769	-3	...	...	...	16.194	-55.035	-1	...	...
...	-41.803	-7.446	-1	...	...	...	-29.540	-17.045	-4	...	...	...	-16.163	+4.293	-5	...	...
*	41.794	+30.782	1.00	50.I338	9.6	...	29.369	-12.835	-5	...	...	...	16.027	+53.140	-3	...	...
*	41.620	+34.343	1.00	50.I339	10.0	...	29.309	-32.116	-1	...	...	*	15.629	-17.528	1.00	51.I263	9.6
...	41.391	+21.187	0.65	...	...	...	28.947	+17.106	0.65	...	...	...	15.592	+19.926	-2	...	...
*	41.376	-49.725	1.00	51.I255	9.8	...	28.888	-51.598	-5	...	...	†	15.196	-13.758	-1	...	...
8I	-40.570	-14.519	-4	...	...	14I	-28.730	+40.902	-4	...	...	20I	-14.939	-10.415	-4	...	...
...	40.478	+54.023	-1	...	...	*	28.495	+11.978	1.10	50.I344	9.2	...	14.907	+53.863	-5	...	...
...	40.398	+6.415	0.65	...	...	...	28.060	+48.322	-1	...	...	...	14.844	+52.918	-5	...	...
...	40.363	-53.424	-4	...	...	...	27.368	+55.239	-3	...	...	...	13.844	+1.719	-1	...	...
...	40.249	+59.381	-3	...	...	...	27.161	+53.622	0.95	50.I345	9.8	...	13.605	+1.364	-5	B	...
...	-40.219	+49.152	-1	...	...	...	-27.145	+23.648	-4	...	...	...	-13.568	-15.730	-4	...	...
...	40.080	-31.715	-2	...	...	...	26.180	+24.847	0.80	...	...	...	13.512	+49.531	-3	...	...
...	40.073	+30.172	-3	...	...	...	25.366	+57.648	-4	...	...	...	13.415	-45.809	-3	...	...
...	39.292	-41.228	-4	...	...	...	25.297	+23.428	-5	...	...	...	13.132	+42.162	-1	...	...
...	39.206	-4.009	-3	...	...	...	25.294	+13.009	-5	...	...	...	13.114	+43.662	-5	...	...
9I	-39.082	-17.112	-4	...	...	15I	-25.238	+30.405	0.85	50.I346	9.8	21I	-12.766	-9.248	-4	...	...
...	39.023	-39.452	-4	...	...	†	25.123	-55.637	-4	...	...	...	12.725	-9.292	-4	...	...
...	38.867	-57.439	-5	p	...	†	24.826	+36.973	-5	...	...	†	12.549	-4.933	0.85	...	...
...	38.682	-2.090	-1	...	...	...	24.549	-18.537	-5	p	...	...	12.320	+22.513	-2	...	...
...	38.629	-56.820	-5	p	...	...	24.448	-44.691	-1	...	...	...	12.234	-45.941	-1	...	...
...	-38.536	+53.786	-5	...	...	...	-24.334	+5.477	-5	...	...	...	-12.091	+19.825	-3	...	...
N*	38.471	-42.567	1.00	51.I256	9.4	*	24.174	+50.348	1.20	50.I347	8.7	*	12.014	-42.207	1.20	51.I264	9.2
...	38.244	+57.953	-3	...	...	...	23.802	-44.197	-1	...	...	...	11.820	-29.420	-3	...	...
...	37.970	+25.849	-5	...	...	...	23.589	+38.582	-5	...	...	...	11.704	+40.612	0.80	...	...
...	37.730	+32.022	-3	...	...	...	23.011	+20.438	-5	...	...	...	11.520	+33.031	-5	B	...
10I	-37.663	-6.207	-3	...	...	16I	-22.682	-29.862	-5	...	...	22I	-11.393	-16.055	-4	p	...
...	36.636	-27.687	-4	...	...	...	22.440	+5.282	-1	...	...	...	11.114	-23.065	-4	...	...
...	36.205	-44.937	0.90	51.I257	10.0	...	22.182	+8.518	-5	B	...	*	11.065	-43.152	0.90	51.I265	10.0
*	35.999	-38.964	1.10	51.I258	9.2	...	22.046	-16.371	-5	p	...	S*	10.870	-55.707	2.50	51.I266	7.1
...	35.970	-17.699	-4	...	...	*	21.884	+58.094	1.05	49.I329	9.8	...	10.667	+38.046	-2	...	...
...	-35.949	-7.304	-3	...	...	...	-21.841	-5.809	-3	...	...	...	-10.287	+46.856	-5	...	...
...	35.915	-21.931	-5	...	...	*	21.787	+22.656	0.95	50.I348	9.6	...	10.069	+41.314	-5	...	...
*	35.621	-41.244	1.00	51.I259	9.4	...	21.724	-56.237	-2	...	...	...	9.984	+43.738	-5	...	...
...	35.487	-45.069	-4	...	...	...	21.406	+57.970	0.75	49.I331	10.0	*	9.848	-12.679	0.95	51.I267	9.6
...	35.442	+45.799	-1	...	...	...	21.105	-39.303	-1	...	...	...	9.438	+11.088	-3	...	...
11I	-35.410	-23.660	-1	...	...	17I	-21.026	-0.408	1.05	50.I349	9.8	23I	-9.026	-7.157	-5	...	...
...	35.308	-10.059	-3	...	...	*	20.806	+37.141	1.00	50.I350	9.4	...	8.555	-54.204	-3	...	...
...	35.248	-12.770	-3	...	...	...	20.790	-13.518	0.90	51.I262	9.8	*	8.413	+53.026	1.40	50.I351	8.6
†	35.133	-42.609	1.10	51.I260	9.3	†	20.734	-44.852	-5	...	...	...	7.977	-52.402	0.75	...	...
...	34.852	+8.201	-4	...	...	...	20.612	-53.010	-3	...	...	*	7.945	+9.502	0.80	50.I352	9.8
...	-34.644	-35.320	0.65	...	...	...	-20.460	+35.491	-5	...	...	...	-7.824	-11.853	-2	...	...
...	34.528	+58.238	-2	...	...	†	20.265	+22.911	-1	...	...	...	7.549	-28.762	-3	...	...
*	34.412	+19.064	1.00	50.I340	9.6	...	20.026	-16.012	-4	...	...	...	7.412	+43.320	-5	...	...
...	34.217	-11.902	-5	p	...	...	19.875	-1.002	-4	...	...	...	7.302	+5.814	-5	...	...
*	34.166	+6.466	1.30	50.I341	9.0	...	19.702	-45.019	0.70	...	...	...	7.167	-52.677	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
241-300						301-360						361-420					
24I	...	...	...	...	...	30I	...	...	...	...	...	36I	...	...	...	...	...
...	-7.068	+22.204	-5	...	...	...	+4.851	+9.209	-4	...	...	...	+15.311	-22.171	-4	...	...
...	6.924	-37.432	-3	...	...	...	4.862	+1.894	-4	b	...	...	15.547	-14.825	-5	...	...
...	6.828	-57.378	-3	...	...	...	4.900	-32.876	-2	...	...	...	15.934	+42.605	-4	...	...
*	6.797	-57.931	1.20	51.1268	8.6	...	4.935	+39.499	-5	...	...	...	16.003	+33.281	-5	...	...
...	6.788	+58.093	1.00	49.1339	10.0	...	5.206	-51.661	-5	p	...	...	16.060	-29.631	-5	...	...
...	-6.726	+4.350	-3	...	...	...	+5.358	+50.328	-3	...	...	*	+16.774	-38.132	0.90	51.1290	10.0
S *	6.383	+16.055	1.20	50.1353	9.2	...	5.521	+28.332	0.85	...	...	*	17.020	-59.000	1.00	51.1291	10.0
...	5.883	-4.702	-1	...	...	...	5.824	+3.484	-4	b	...	...	17.080	+18.932	-3	...	...
...	5.655	+35.386	-4	...	...	...	5.964	-14.252	-2	...	...	...	17.163	-35.929	-5	...	...
...	5.607	+31.849	-4	...	...	...	6.089	-13.042	-1	...	...	...	17.317	-56.811	-5	p	...
25I	...	...	...	...	...	31I	...	...	...	...	...	37I	...	...	...	...	...
...	-5.571	-46.786	-5	p	...	...	+6.327	-7.176	-5	p	...	...	+17.746	-12.771	-4	...	...
*	5.533	+11.140	0.85	50.1354	9.6	...	6.337	+34.762	-5	m	...	...	17.746	+3.552	-2	...	...
...	5.123	-1.122	-5	...	...	...	6.506	-19.504	-4	p	...	...	17.905	+22.242	-3	...	...
...	5.045	+22.108	-5	...	...	...	6.592	-31.646	-5	...	...	...	18.054	-1.954	-3	...	...
*	4.602	+54.130	1.10	50.1355	9.3	...	6.681	-38.770	-5	p	...	...	18.135	+32.000	0.85	...	...
S *	-4.549	+46.866	2.80	50.1356	7.3	*	+6.842	+39.045	1.20	50.1366	9.2	...	+18.308	+41.145	-5	...	...
...	4.489	+34.050	-3	...	...	...	6.865	+45.028	-3	...	...	*	18.397	-41.474	0.95	51.1292	9.8
*	3.921	+46.283	2.10	50.1357	8.0	...	6.966	-57.852	-3	...	...	...	18.529	+25.640	-5	...	...
...	3.688	+37.232	-3	...	...	...	7.039	+25.142	-5	...	...	...	18.592	+13.164	-3	...	...
...	3.435	-51.465	-4	...	...	...	7.149	-24.435	-5	p	...	...	18.731	+31.272	-1	...	...
26I	...	...	...	...	...	32I	...	...	...	...	...	38I	...	...	...	...	...
...	-3.354	-57.347	-5	p	...	*	+7.412	-7.111	1.00	51.1279	9.6	S *	+19.017	+14.848	2.60	50.1373	7.5
...	3.175	-40.076	-2	...	...	...	7.603	-17.704	0.65	...	...	*	19.019	-19.611	0.90	51.1293	10.0
*	2.990	-30.569	0.90	51.1270	9.6	...	7.633	+49.973	0.90	50.1367	10.0	...	19.065	+58.260	-4	...	...
S *	2.947	-32.575	1.80	51.1269	8.4	...	7.712	+10.008	-1	50.1368	10.0	...	20.023	+45.449	0.85	...	...
...	2.595	-44.864	-4	...	...	...	7.744	-48.294	-2	...	...	...	20.582	-49.888	0.80	...	...
...	-2.174	+21.144	-3	...	...	...	+7.981	-16.033	-3	...	...	...	+20.910	+55.360	-4	...	...
*	1.852	-31.365	1.20	51.1271	8.7	*	8.117	-7.501	1.20	51.1280	8.8	...	20.961	+18.227	-1	...	...
...	1.798	-50.076	0.75	51.1272	10.0	...	8.137	+2.028	-5	m	...	...	20.991	+15.726	0.80	...	...
...	1.631	-23.796	0.80	51.1273	10.0	...	8.255	+14.468	0.70	...	...	...	21.479	-9.104	-1	...	...
*	1.485	+51.555	1.30	50.1358	8.8	...	9.019	-43.049	0.80	51.1281	10.0	...	21.679	-9.432	-3	...	...
27I	...	...	...	...	...	33I	...	...	...	...	...	39I	...	...	...	...	...
...	-1.383	+27.364	-3	...	...	...	+9.148	-12.222	-2	...	...	...	+21.780	-30.925	-1	...	...
...	1.346	-41.177	-2	...	...	...	9.599	+48.404	-3	...	...	...	21.917	-49.782	0.90	51.1294	9.8
...	1.293	-32.544	-1	...	...	*	9.689	-31.179	0.90	51.1282	9.8	...	21.955	+26.559	0.75	...	...
...	1.292	-6.805	-5	p	...	...	9.797	+23.222	-5	...	...	...	22.024	-31.638	-4	...	...
*	1.054	+2.207	1.00	50.1359	9.6	*	10.331	-49.191	1.10	51.1283	9.4	...	22.273	+44.602	-5	...	...
*	-0.430	+22.135	1.20	50.1360	9.0	...	+10.695	+29.130	-4	...	...	...	+22.557	-30.352	-4	...	...
...	0.322	+25.729	-5	...	...	...	10.722	+30.531	-5	...	...	...	22.662	-37.296	-4	...	...
...	0.304	-19.472	-5	...	...	...	10.845	-7.461	-3	...	...	*	23.028	+4.850	1.00	50.1375	9.6
...	-0.115	+54.670	-5	Bm	...	*	10.969	+8.398	1.10	50.1369	9.4	...	23.053	-23.656	0.70	...	...
*	+0.058	-6.201	1.00	51.1274	9.6	...	11.154	-57.485	-4	...	...	...	23.206	+32.934	0.95	50.1374	10.0
28I	...	...	...	...	...	34I	...	...	...	...	...	40I	...	...	...	...	...
...	+0.365	+55.599	-4	...	...	...	+11.306	-44.680	-3	...	...	...	+23.333	-1.071	0.70	...	...
...	0.485	+6.209	-4	m	...	*	11.373	-18.255	1.00	51.1284	9.4	...	23.379	-23.125	-1	...	...
*	0.865	-9.463	1.00	51.1275	9.8	*	11.786	-45.146	0.95	51.1286	9.8	...	23.547	-16.418	0.85	51.1295	10.0
*	0.951	+48.319	0.90	50.1361	10.0	...	11.949	-24.806	-1	51.1285	10.0	...	24.032	+44.228	-4	...	...
*	1.086	-25.293	1.20	51.1276	8.9	...	12.287	-1.187	-2	...	...	...	24.139	+21.416	0.85	50.1376	10.0
...	+1.534	+45.254	-4	...	...	*	+12.317	-21.407	0.75	51.1287	10.0	...	+24.187	-2.405	0.80	50.1377	10.0
...	1.833	-51.771	-4	p	...	*	12.393	-13.706	0.85	...	...	*	24.455	+14.439	1.00	50.1378	9.4
*	2.225	-40.452	0.95	51.1277	9.8	...	12.606	-31.189	-5	...	...	...	24.617	-7.132	-3	...	...
...	2.290	+22.502	-1	...	...	...	12.755	-16.590	-2	...	...	*	25.067	+20.805	1.60	50.1379	8.4
...	3.218	-11.520	-5	p	...	...	13.254	-28.424	-5	p	...	...	25.152	+42.087	-5	m	...
29I	...	...	...	...	...	35I	...	...	...	...	...	41I	...	...	...	...	...
*	+3.844	+57.322	2.00	49.1346	7.6	...	+13.454	+51.205	0.90	50.1370	10.0	...	+25.200	+15.861	-1	...	...
...	3.903	-7.027	-1	51.1278	10.0	...	13.546	-46.948	-5	...	...	...	25.309	+6.357	-5	...	...
...	3.911	-26.820	0.70	...	...	...	14.336	-40.611	-2	...	...	...	25.345	-0.257	-4	...	...
...	4.039	-16.041	-3	...	...	S *	14.416	-18.329	2.15	51.1288	8.2	...	25.630	-7.891	-1	...	...
...	4.167	+57.333	-4	...	...	...	14.550	+47.628	0.70	...	...	...	25.716	+33.204	-3	...	...
...	+4.530	+13.905	-1	50.1363	10.0	...	+14.554	+7.978	-2	...	...	...	+25.961	-32.515	-2	...	...
...	4.586	-37.043	-2	...	...	...	14.590	-1.002	0.80	50.1371	10.0	*	26.145	-24.535	0.95	51.1296	9.8
*	4.618	+36.813	1.30	50.1362	9.0	...	15.099	+15.839	0.90	50.1372	10.0	*	26.605	+48.210	1.20	50.1380	9.0
*	4.631	+15.263	1.00	50.1364	9.2	*	15.163	-51.465	1.00	51.1289	9.8	*	26.614	+3.964	1.00	50.1382	9.2
*	4.836	+12.245	1.00	50.1365	9.4	...	15.187	+27.158	-5	...	...	...	26.744	+25.737	0.90	50.1381	10.0

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
421-480						481-540						541-551					
42I	+26'750	+2'677	-4	b	...	48I	+40'09I	+50'545	I'60	50.I389	8.7	54I	+57'375	-46'765	-4	e	...
...	27'028	-50'414	0.85	...	...	...	40'206	-31'46I	-3	...	...	...	57'399	+34'406	-5	...	...
...	27'150	+17'880	-4	...	...	...	40'736	+31'456	-4	...	...	...	57'83I	+33'082	0.70	...	...
...	27'218	+42'423	-3	...	...	...	41'149	-37'62I	-2	...	...	...	57'908	+29'382	-5	...	...
...	27'363	-29'056	-5	...	...	...	41'15I	+26'635	-2	...	...	...	58'250	+44'242	0.85	50.I395	10.0
...	+27'567	-26'812	-3	...	...	...	+41'198	-55'910	-4	...	...	e *	+58'419	-1'003	0.90	50.I397	10.0
...	27'995	+12'09I	-4	...	...	...	41'510	+15'850	I'00	50.I39I	9.6	...	58'524	+19'845	0.70	...	...
*	28'284	+43'634	I'00	50.I383	9.3	*	41'668	+26'667	0.95	50.I390	10.0	...	58'559	+50'592	0.90	50.I396	9.7
*	28'496	-12'969	I'00	51.I297	10.0	...	42'258	+44'174	-3	...	...	...	59'222	+28'413	-5	...	...
...	28'656	+17'709	-4	...	...	...	42'567	+42'878	-5	...	...	...	59'316	-27'785	-5	e	...
43I	+28'873	-38'460	0.80	...	...	49I	+43'328	+4'262	-2	...	...	55I	+59'345	+21'727	-3	...	...
*	29'268	+10'648	0.90	50.I384	10.0	...	43'609	-30'298	-5	...	...	...	...	...	...	...	...
...	29'472	-3'575	-4	...	...	...	43'724	-27'916	-5	...	...	...	...	...	...	...	...
...	29'607	+43'528	-2	...	...	...	44'016	-0'877	-4	...	...	...	...	...	...	...	...
...	30'218	-42'490	-4	...	...	...	44'626	-7'935	0.90	51.I306	10.0	...	...	...	...	...	...
...	+30'255	+48'245	-2	...	...	...	+44'927	-14'780	-5	...	...	...	...	...	...	...	...
...	30'545	-10'304	-4	...	...	...	45'323	-4'777	0.85	...	...	...	...	...	...	...	...
...	30'710	-28'96I	0.90	51.I298	10.0	...	45'576	+2'172	0.90	...	...	...	...	...	...	...	...
...	30'995	+10'664	-5	...	...	...	45'586	-38'639	-2	...	...	...	...	...	...	...	...
...	31'099	+36'215	-2	...	...	...	45'737	+15'66I	0.75	...	...	...	...	...	...	...	...
44I	+31'143	-24'56I	I'60	51.I299	8.4	50I	+45'769	+48'014	-4	...	...	...	...	...	...	...	...
*	31'246	+11'108	0.80	50.I385	10.0	...	45'875	+14'535	-4	b	...	...	...	...	...	...	...
...	31'33I	+59'157	-4	...	...	...	46'710	-45'173	-3	...	...	...	...	...	...	...	...
...	31'372	+1'256	-3	...	...	...	46'804	-23'003	-3	...	...	...	...	...	...	...	...
...	31'407	-44'100	-1	...	...	...	47'000	-22'642	-2	...	...	...	...	...	...	...	...
...	+31'44I	-31'629	-4	...	...	...	+47'035	-52'430	0.90	51.I307	10.0	...	...	...	...	...	...
...	31'472	+48'547	-3	...	...	...	47'135	-22'819	-5	...	...	...	...	...	...	...	...
...	31'58I	+38'833	-2	...	...	...	47'300	-54'54I	-1	...	...	...	...	...	...	...	...
...	31'862	-38'138	-5	...	...	...	47'369	+16'565	0.85	...	...	...	...	...	...	...	...
...	32'030	-21'05I	-2	...	...	...	47'428	-25'988	0.85	...	...	...	...	...	...	...	...
45I	+33'870	-43'33I	I'00	51.I300	9.6	51I	+47'565	+9'279	0.70	...	...	...	...	...	...	...	...
*	34'034	-35'565	0.85	51.I30I	10.0	...	47'634	+9'363	-4	...	...	...	...	...	...	...	...
...	34'33I	-1'512	-1	...	...	...	48'086	+31'334	-5	m	...	...	...	...	...	...	...
*	34'500	-48'255	I'10	51.I302	9.6	...	48'639	+6'14I	-4	...	...	...	...	...	...	...	...
...	34'513	+17'817	-5	...	...	S *	49'750	+25'734	I'20	50.I392	8.8	...	...	...	...	...	...
...	+34'873	-9'035	-5	...	...	...	+49'840	-20'518	-3	...	...	...	...	...	...	...	...
...	35'059	-33'575	0.75	...	...	...	50'038	+25'163	-5	...	...	...	...	...	...	...	...
...	35'187	+28'402	-5	...	...	...	50'168	+22'289	-5	...	...	...	...	...	...	...	...
...	35'285	-17'827	0.70	...	...	...	50'29I	+58'259	-1	...	...	...	...	...	...	...	...
...	35'315	-2'347	0.85	50.I387	10.0	...	50'649	-10'767	-5	...	...	...	...	...	...	...	...
46I	+35'485	-43'297	-4	...	...	52I	+50'887	-44'594	I'10	51.I308	9.6	...	...	...	...	...	...
...	35'509	-7'177	-4	...	...	*	51'283	+41'835	I'20	50.I393	9.0	...	...	...	...	...	...
*	35'679	+42'623	I'20	50.I386	9.0	...	51'966	+11'108	-3	...	...	...	...	...	...	...	...
*	36'257	-41'235	I'00	51.I304	9.8	...	52'025	+24'602	0.80	...	...	...	...	...	...	...	...
...	36'318	-2'666	-3	...	...	...	52'829	+18'050	-4	...	...	...	...	...	...	...	...
...	+36'616	-21'860	0.80	...	...	...	+52'865	+16'16I	-3	...	...	...	...	...	...	...	...
...	36'686	-4'689	-1	51.I303	10.0	...	53'159	+12'952	-3	...	...	...	...	...	...	...	...
...	36'914	+33'379	-3	...	...	...	53'26I	+36'495	0.75	...	...	...	...	...	...	...	...
...	36'93I	-10'454	-3	...	...	e *	53'519	-45'522	0.85	51.I309	10.0	...	...	...	...	...	...
S *	37'028	-46'589	I'05	51.I305	9.6	...	53'799	-7'739	-4	e	...	...	...	...	...	...	...
47I	+37'379	-17'317	-4	...	...	53I	+53'854	-4'280	-3	e	...	...	...	...	...	...	...
...	37'439	+3'910	-4	...	...	S †	54'46I	+44'290	2.85	50.I394	7.2	...	...	...	...	...	...
...	37'520	-31'875	-1	...	...	...	55'013	+50'090	0.75	...	...	...	...	...	...	...	...
*	37'667	+33'885	0.95	50.I388	9.6	...	55'180	+5'843	-5	...	...	...	...	...	...	...	...
...	37'926	-55'227	-2	...	...	...	55'970	-44'338	-1	e	...	...	...	...	...	...	...
...	+38'555	-41'940	-2	...	...	...	+56'147	+27'358	-4	...	...	...	...	...	...	...	...
...	39'482	+31'467	-5	...	...	...	56'318	+27'505	-1	...	...	...	...	...	...	...	...
...	39'494	-41'656	-4	...	...	...	56'603	-15'493	-5	...	...	...	...	...	...	...	...
...	39'713	-16'264	-3	...	...	...	56'736	-42'635	-2	e	...	...	...	...	...	...	...
...	39'842	+50'018	-3	...	...	...	56'92I	-37'214	-1	e	...	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	...	...	...	...	...	6I	...	...	...	...	...	I2I	...	...	...	...	...
...	-59.296	-4.377	-4	E	...	...	-40.369	-1.811	-5	...	...	*	-28.151	+10.317	0.90	50.1412	10.0
...	59.217	-7.856	-4	E	...	...	40.106	-8.410	-4	...	...	*	28.048	-25.702	0.80	51.1322	10.0
...	58.298	+27.322	-5	...	...	...	39.880	-43.799	-3	...	...	...	27.947	-23.185	-4	...	...
...	58.130	+27.475	-1	...	...	*	39.809	-33.565	1.30	51.1315	8.8	...	27.591	+56.343	-5	...	...
E	57.945	-45.595	0.85	51.1309	10.0	...	39.729	+9.956	-4	...	...	...	27.486	-22.494	0.70	51.1323	10.0
...	-57.331	+34.416	-5	...	...	*	-39.383	-0.744	1.00	50.1402	9.4	...	-27.396	+37.057	-3	...	...
*	56.875	+44.271	1.00	50.1395	10.0	...	39.184	-34.683	-3	...	...	...	27.326	+52.090	-2	...	...
...	56.830	+33.099	0.70	...	...	*	39.109	+17.467	1.00	50.1403	9.9	...	27.320	+5.673	-5	...	...
*	56.813	+50.638	1.10	50.1396	9.7	...	39.004	+14.891	-2	...	...	...	27.012	+11.310	0.80	50.1413	10.0
...	56.604	+29.411	-5	...	...	*	38.301	-21.573	1.00	51.1316	9.7	...	26.818	+58.978	-3	...	...
II	...	...	...	...	...	7I	...	...	...	...	...	I3I	...	...	...	...	...
...	-55.616	+19.904	-1	...	...	...	-38.288	-24.023	-2	...	...	+	-26.713	+54.949	1.15	50.1414	9.2
...	55.543	-44.307	-1	E	...	...	38.190	-20.116	-2	...	...	+	26.696	+58.722	-5	...	...
...	54.896	-37.162	0.65	E	...	...	38.155	-38.802	0.75	...	...	...	26.087	+32.871	0.65	...	...
...	54.883	+21.821	-3	...	...	...	37.719	-37.515	-4	...	...	...	25.825	-22.600	-5	...	...
E*	54.870	-0.916	0.80	50.1397	10.0	S*	37.448	+44.071	2.85	50.1404	7.5	...	25.684	+31.769	-4	...	...
...	-54.866	-42.594	-3	E	...	...	-37.415	+20.745	-3	...	...	*	-25.673	-41.988	0.90	51.1324	10.0
...	54.638	+56.327	1.00	49.1388	9.9	...	37.244	+29.313	-2	...	...	...	25.540	-47.176	0.80	51.1325	10.0
...	54.033	-46.701	-5	E	...	...	37.109	-55.258	-4	...	...	*	25.494	+56.023	1.20	50.1415	9.2
...	53.408	+38.257	-3	...	...	*	36.857	+20.187	0.90	50.1405	9.8	...	25.483	-46.922	-4	...	...
...	53.342	+57.191	-3	...	...	*	36.696	-19.193	2.10	51.1317	8.3	...	25.005	-5.354	-3	...	...
2I	...	...	...	...	...	8I	...	...	...	...	...	I4I	...	...	...	...	...
...	-53.251	+24.209	-5	...	...	S*	-36.692	-18.070	1.95	51.1318	8.2	...	-24.835	+59.374	-3	...	...
...	52.872	-27.638	-5	E	...	*	36.644	+24.951	1.00	50.1406	9.4	*	24.728	-7.186	1.20	51.1326	9.4
...	52.166	+39.285	-5	C	...	...	36.411	-17.383	-3	...	...	...	24.625	-22.564	-5	...	...
...	51.990	-45.003	-5	...	...	...	36.369	-44.167	0.75	...	...	...	24.596	+46.605	-1	...	...
*	51.700	+49.113	1.20	50.1398	9.0	...	36.116	+19.434	-5	...	...	*	24.555	-38.972	0.90	51.1327	9.8
...	-51.686	+41.533	-5	B	...	...	-35.992	+22.117	-4	...	...	...	-23.627	+46.715	-5	...	...
...	51.474	+41.245	-3	...	...	*	35.917	-38.872	1.00	51.1319	9.4	+	23.500	+34.984	0.80	50.1416	10.0
*	50.296	+41.873	1.20	50.1399	9.0	...	35.583	-26.934	-5	...	...	+	23.300	-50.431	-3	...	...
...	49.672	-13.872	-5	...	...	...	35.513	-13.598	-4	...	...	+	22.406	+41.916	-3	...	...
...	49.462	+56.995	-5	...	...	...	35.130	-55.089	-5	...	...	+	22.126	-59.722	1.20	51.1328	8.8
3I	...	...	...	...	...	9I	...	...	...	...	...	I5I	...	...	...	...	...
...	-49.118	+14.329	0.65	...	...	+	-34.668	+50.032	0.95	50.1407	10.0	...	-21.912	+35.125	0.70	...	...
*	48.550	+51.287	1.20	50.1400	9.0	+	34.281	+43.595	-4	...	...	...	21.899	-31.362	-5	...	...
...	48.275	+43.669	-1	...	...	...	33.971	+7.748	-4	...	...	...	21.225	+52.740	-5	...	...
...	47.779	+1.285	0.65	...	...	*	33.930	-8.472	0.90	51.1320	10.0	...	21.186	-4.706	-4	...	...
...	47.578	-7.153	0.65	...	...	*	33.443	+46.981	1.20	50.1408	9.2	...	20.908	-19.627	-5	...	...
...	-47.321	+6.053	0.80	...	...	...	-33.289	-18.362	-4	...	...	...	-20.770	+52.078	-5	...	...
...	47.268	-5.853	-5	...	...	...	32.811	+23.629	0.65	...	...	*	20.160	+39.567	1.20	50.1417	9.0
...	46.877	-45.184	-3	...	...	...	32.760	+34.271	-3	...	...	...	19.831	-16.127	-1	...	...
...	46.869	-6.146	-4	...	...	*	32.728	-52.560	1.20	51.1321	9.3	...	19.417	+24.221	0.90	...	...
...	46.569	-56.010	-5	...	...	...	32.164	+36.520	-4	...	...	...	18.964	-47.157	-5	...	...
4I	...	...	...	...	...	10I	...	...	...	...	...	I6I	...	...	...	...	...
*	-46.114	-12.323	0.90	51.1311	9.9	...	-31.796	+26.932	-2	...	...	...	-18.828	+36.465	-4	...	...
*	45.926	-9.265	0.80	51.1312	9.9	...	31.520	+26.968	0.75	...	...	S*	18.802	-57.151	1.10	51.1329	9.3
*	45.872	-9.539	0.90	51.1313	9.9	...	31.506	+31.853	-4	...	...	...	18.590	+14.629	-5	...	...
...	45.447	-19.251	-3	...	...	...	31.315	+16.674	-2	...	...	*	18.417	+41.976	2.10	50.1418	8.3
...	44.987	-53.784	-5	...	...	...	31.233	-36.760	-1	...	...	...	18.011	-54.994	-5	...	...
...	-44.925	+7.366	-4	...	...	...	-30.742	-33.414	-3	...	...	...	-18.001	+0.848	0.85	50.1419	10.0
...	44.119	-1.145	-3	...	...	...	30.231	-55.277	-4	...	...	...	17.943	+13.737	-5	...	...
*	44.119	-48.255	1.20	51.1314	9.2	†	30.191	+10.109	-3	...	...	...	17.774	+28.709	-4	...	...
...	43.213	-20.396	-4	...	...	...	29.835	-52.643	-4	...	...	...	17.391	+0.352	-5	...	...
...	42.731	+7.008	0.75	...	...	...	29.695	+36.482	-3	...	...	...	17.323	+21.940	-3	...	...
5I	...	...	...	...	...	III	...	...	...	...	...	I7I	...	...	...	...	...
...	-42.712	+32.757	-4	...	...	...	-29.565	-45.850	-4	...	...	...	-17.027	-17.017	-5	...	...
...	42.407	+35.700	-5	...	...	...	28.936	-41.855	-3	...	...	*	16.928	-21.579	1.30	51.1330	9.3
...	42.280	-39.118	-3	...	...	...	28.824	+27.294	-2	...	...	...	16.322	-28.604	-5	...	...
...	41.525	+0.649	-5	...	...	...	28.809	+27.213	-5	B	...	...	16.311	+10.434	-4	...	...
...	41.413	+22.770	-3	...	...	*	28.747	+20.496	1.15	50.1409	9.0	...	16.145	+3.883	-3	...	...
...	-41.262	-56.058	-2	...	...	...	-28.738	+10.583	-3	...	...	...	-16.045	+29.267	-3	...	...
...	41.144	-58.085	-1	...	...	...	28.669	+41.039	-5	...	...	...	15.670	-18.089	-5	...	...
...	41.136	-8.575	-4	...	...	S*	28.599	+20.731	1.80	50.1410	8.5	*	15.606	+56.954	1.10	49.1424	9.4
...	41.072	-38.271	0.80	...	...	*	28.290	+21.079	0.90	50.1411	9.4	...	15.487	+24.699	0.90	50.1420	10.0
*	40.578	+34.384	1.00	50.1401	9.4	...	28.238	+17.732	-2	...	...	...	15.158	+52.442	-3	...	...

MB measured from 1, 109, 194, 249, 333, 419.
MC " " 45, 158, 229, 289, 381.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-3 60					
181	-14'684	+ 3'635	-4	...	...	241	+ 7'011	+58'057	-3	...	...	301	+23'069	+ 6'896	-5	...	...
...	14'232	+59'685	-4	...	...	...	7'295	+35'171	-3	...	...	...	23'126	+53'571	0'65	...	...
†	14'164	+39'961	1'10	50.1421	9'3	...	7'335	+23'550	-3	...	...	S *	23'249	-11'612	2'80	51.1344	7'4
...	13'845	+14'428	-4	...	...	...	7'714	+57'593	-5	...	...	...	23'291	+55'567	1'00	50.1435	9'9
...	13'819	+49'913	-4	...	...	...	7'768	+26'511	-4	...	...	...	23'434	+57'174	0'90	...	...
...	-12'768	- 2'125	-2	...	...	...	+ 9'272	+10'204	-4	...	...	*	+23'564	+38'867	0'90	...	...
...	12'672	-44'464	-4	...	...	...	9'371	+31'591	-2	...	...	*	23'710	+38'804	0'95	50.1437	9'3
...	11'486	-43'612	-3	...	...	S †	9'799	+26'880	1'00	50.1428	9'3	*	23'758	+48'734	1'30	50.1436	8'8
*	11'389	-52'073	0'90	51.1331	9'9	...	10'013	+37'957	-3	...	...	*	23'859	+51'922	1'00	50.1438	9'9
...	11'185	+58'724	-5	...	...	...	10'270	+56'307	0'75	...	...	...	23'901	+15'711	-3	...	...
191	-11'034	+33'410	1'30	50.1423	8'7	251	+10'673	-30'875	0'70	51.1335	10'0	311	+24'063	-52'762	1'15	51.1345	9'0
*	11'016	+54'750	1'40	50.1422	8'8	...	10'726	- 0'934	-1	...	...	...	24'181	- 5'459	-3	...	...
*	10'752	+ 5'792	1'00	50.1424	9'8	...	11'120	+50'705	-4	...	...	S *	24'502	-53'202	1'95	51.1346	8'3
...	9'820	-29'871	-3	...	...	...	11'149	-52'794	-5	...	...	*	25'131	+53'568	1'20	50.1439	9'3
...	9'203	+42'997	-5	...	...	...	11'299	-34'010	-2	...	...	...	25'341	-33'580	-4	...	...
...	- 9'078	+51'778	-5	...	...	...	+11'425	+55'594	-2	...	...	...	+25'457	-53'078	-2	...	...
†	9'023	+30'024	-5	...	...	...	11'478	+59'773	-5	...	...	...	25'487	+38'678	-2	...	...
...	8'801	+46'165	-5	...	...	...	11'508	+59'414	-4	...	...	...	25'524	-44'903	-4	...	...
...	8'644	+52'709	-5	...	...	...	11'618	+18'132	-4	b	...	...	25'536	-56'095	-4	...	...
...	8'436	+ 1'491	-5	...	...	*	12'049	+53'871	1'10	50.1429	9'2	...	25'676	+37'609	-2	...	...
201	- 8'427	+ 1'615	0'90	50.1425	9'9	261	+12'264	+27'024	-2	...	...	321	+25'775	+47'418	-3	...	...
...	8'105	+55'707	-5	...	...	...	12'841	-10'776	-5	...	...	...	25'903	-50'506	-2	...	...
...	8'076	+55'900	-5	...	...	...	13'265	+26'534	0'65	...	...	...	26'011	+31'767	-3	...	...
...	8'022	+42'832	-2	...	...	*	13'355	+48'912	0'90	50.1430	9'9	...	26'017	+23'379	-4	...	...
...	7'676	+27'929	0'65	...	...	...	13'525	+35'387	-5	...	...	...	26'390	+44'202	0'70	...	...
...	- 7'589	+ 1'373	0'80	50.1426	10'0	*	+13'598	+33'178	1'10	50.1431	9'4	...	+26'701	+41'352	0'85	...	...
...	7'311	-32'963	-3	...	...	...	13'663	+40'214	-3	...	...	...	26'753	-28'807	-3	...	...
...	7'004	+34'633	-5	...	...	...	13'690	-52'535	-1	...	...	*	26'803	+56'849	1'00	49.1452	9'7
...	6'945	+36'754	-4	...	...	...	13'984	-57'093	-5	...	...	...	27'370	-46'419	0'75	...	...
...	6'884	+17'435	-4	...	...	*	14'255	-37'869	1'05	51.1337	9'4	...	27'460	+20'500	-4	...	...
211	- 6'750	+18'987	-3	...	...	271	+14'389	-58'191	0'80	...	...	331	+27'911	+ 3'162	0'85	...	...
...	6'658	+56'039	-3	...	...	...	15'072	+12'759	-5	...	...	*	28'647	-28'591	1'30	51.1347	9'2
...	6'189	- 7'048	-3	...	...	†	15'182	+10'036	-3	...	...	†	29'852	+36'261	0'90	50.1440	9'9
S *	5'739	-23'096	1'40	51.1332	8'7	*	15'683	-10'690	3'10	51.1338	7'5	...	30'072	+42'983	-3	...	...
...	5'362	+30'385	0'70	...	...	...	16'111	-19'573	-3	...	...	...	30'082	+37'347	-1	...	...
S *	- 4'710	- 4'270	2'80	51.1333	7'7	*	+16'126	-32'461	0'80	51.1339	9'9	...	+30'420	+28'542	-5	m	...
...	4'498	+13'571	-4	...	...	...	16'179	- 3'876	-4	...	...	...	30'739	+32'634	-5	m	...
...	3'991	+40'739	-5	...	...	...	16'489	+19'732	0'70	...	...	...	30'815	+43'210	-5	m	...
...	3'986	+26'476	-3	...	...	*	16'758	- 1'354	1'05	50.1432	9'6	...	31'082	-51'132	-4	...	...
...	3'232	-49'598	-1	...	...	*	16'866	-24'212	0'95	51.1340	9'7	*	31'191	-51'075	1'00	51.1348	9'6
221	- 3'114	+44'738	-3	...	...	281	+16'872	+43'901	-5	...	...	341	+31'372	+26'941	-5	m	...
...	3'111	-12'977	-3	...	...	...	17'659	+36'684	-5	m	...	*	31'407	+55'127	1'05	50.1441	9'6
...	2'362	+59'521	0'75	49.1433	10'0	...	17'770	+24'623	-4	...	...	...	31'594	-10'109	-5	...	...
...	1'039	-36'306	-1	...	...	...	17'898	+58'765	-5	...	...	*	31'757	+34'764	0'95	50.1442	9'7
...	1'022	-40'624	-4	...	...	*	17'993	-11'652	1'05	51.1341	9'4	...	32'540	-53'308	0'80	51.1349	10'0
...	- 0'975	+42'149	-5	...	...	*	+18'371	+30'780	1'20	50.1433	9'2	...	+32'569	+ 1'477	0'90	50.1443	10'0
...	0'939	+47'515	-5	m	...	...	18'506	+41'469	-4	...	...	...	32'659	-51'015	-5	...	...
...	0'806	+35'921	-5	...	...	...	19'744	+19'374	0'75	50.1434	10'0	...	32'970	+36'064	-5	m	...
...	- 0'030	+ 3'620	-2	...	...	†	19'801	-46'613	-3	...	...	*	33'259	- 8'970	1'00	51.1350	9'6
...	+ 0'282	+ 5'168	-4	...	...	*	20'216	-33'112	1'30	51.1342	9'2	*	33'771	+38'640	1'50	50.1444	8'5
231	+ 0'545	+54'193	-3	...	...	291	+20'456	+ 1'611	-2	...	...	351	+33'861	+42'183	1'05	50.1445	9'4
...	1'482	-27'357	-4	...	...	...	20'562	-17'482	0'80	...	...	*	34'249	+40'287	0'95	50.1446	9'7
...	2'628	-10'228	-4	...	...	...	20'587	+29'194	-3	...	...	†	34'305	+14'998	0'65	...	...
...	3'172	+36'968	-4	...	...	*	20'690	-37'512	0'90	51.1343	9'7	...	34'332	+19'839	0'65	...	...
*	4'161	+11'074	1'20	50.1427	9'2	...	20'890	-18'601	-5	...	...	...	34'387	-45'618	-5	...	...
...	+ 4'965	+58'952	0'90	...	...	...	+21'452	+ 4'081	0'85	...	...	†	+34'467	+34'917	1'80	50.1447	8'3
...	5'650	+41'841	-5	m	...	...	22'006	+12'587	-4	...	...	...	34'564	+22'945	-2	...	...
...	6'106	-27'791	-2	...	...	...	22'320	+14'343	-4	...	...	...	34'680	+25'192	0'65	50.1448	10'0
...	6'404	-55'351	-3	...	...	...	22'689	+54'107	-3	...	...	...	34'889	+31'657	-3	...	...
...	6'467	-30'897	-3	...	...	...	22'989	32'560	-3	...	...	*	35'254	+41'292	1'10	50.1449	9'2

Co-ordinates.						Diam.	C.P.D.			Notes.	Co-ordinates.			Diam.	C.P.D.					
x.		y.		-3.	No.	Mag.	x.		y.		-3.	No.	Mag.	x.		y.		-3.	No.	Mag.
361-390																				
36I	+35'438	-38'335	-4	...	...	...	39I	+42'916	+26'585	-4	° <i>b</i>	...	42I	+50'520	+48'301	0.95	50.1457	9.6	...	...
...	35'482	-33'312	-4	...	...	...	...	43'316	-29'964	-3	...	...	...	50'570	+44'664	1.90	50.1458	8.4	...	...
*	35'599	-14'386	1.10	51.1351	9.2	...	...	43'465	+32'519	0.80	...	...	...	50'752	+50'789	-2	...	...	...	...
...	36'134	+43'973	-4	<i>b</i>	...	...	...	43'641	+22'093	-5	...	...	...	50'759	+24'060	0.85	50.1459	9.9	...	...
*	36'402	+35'159	1.20	50.1451	8.8	†	...	43'889	-59'745	-4	...	...	...	53'019	-18'472	-2	<i>e</i>	...	...	...
*	+36'604	+55'609	1.20	50.1450	9.3	†	...	+44'016	-10'016	2.40	51.1353	7.7	...	+53'062	+13'598	-3	...	...	...	...
...	37'548	+56'147	-5	<i>m</i>	...	†	...	44'697	-30'432	-1	...	...	...	53'216	+37'587	-5	<i>m</i>	...	...	...
...	37'800	-24'705	-5	...	...	...	...	45'027	+39'465	-1	...	...	Se*	53'365	-10'131	2.15	51.1354	8.2	...	...
...	38'100	-19'173	-5	...	...	...	...	45'036	+42'372	-3	...	...	...	53'423	+18'992	-5	...	...	...	...
S*	38'119	+4'009	1.05	50.1453	9.2	*	...	45'140	+20'426	0.80	...	...	...	54'038	+46'279	0.95	50.1460	9.9	...	...
391-420																				
37I	+38'228	+46'399	-5	...	...	...	40I	+45'157	-19'421	-3	...	...	43I	+54'203	+39'133	-1	...	...	...	...
...	38'360	+29'573	-3	...	...	...	...	45'450	-30'855	-4	...	...	...	55'260	+22'101	-4	...	...	...	...
...	38'369	-41'677	0.75	...	...	S†	...	45'974	+40'021	2.90	50.1456	7.6	...	56'249	+27'658	-5	<i>e</i>	...	...	...
...	38'620	-5'390	-5	...	...	...	...	46'254	-2'555	-4	...	...	...	56'347	+4'698	-3	...	...	...	...
*	38'646	+47'066	1.40	50.1452	8.7	...	...	46'501	-37'146	-2	...	...	...	56'645	+30'854	-5	<i>e</i>	...	...	...
...	+38'681	-46'347	-5	...	...	†	...	+46'563	+29'964	-4	...	...	*	+56'769	+39'063	2.00	50.1461	8.3	...	...
...	38'790	+38'006	0.90	50.1454	9.9	...	...	46'725	+49'427	-1	...	...	...	56'973	+26'048	-1	...	...	...	...
*	39'038	+48'993	1.20	50.1455	9.0	...	...	46'865	+31'983	0.70	...	...	...	57'000	-7'557	-2	<i>e</i>	...	...	...
*	39'246	-24'682	1.40	51.1352	8.8	...	...	47'947	-37'067	-3	...	...	†	57'382	+40'005	-3	...	...	...	...
...	39'461	-42'712	-5	...	...	...	...	48'227	-34'407	-4	...	...	...	57'430	-42'559	-5	<i>e</i>	...	...	...
421-442																				
38I	+40'143	-31'967	-4	...	...	...	41I	+48'276	-31'856	-4	...	...	44I	+58'633	-13'878	0.95	51.1357	9.7	...	...
...	40'740	+29'883	-4	...	...	...	...	48'712	-44'662	-1	...	...	e*	59'712	+50'989	1.10	50.1462	9.0	...	...
...	40'862	+3'825	-3	...	...	...	...	48'893	-8'093	-3	...	...	†	...	...	...	...	...	...	...
...	41'567	-9'502	-5	...	...	...	...	48'986	+26'419	-4	...	...	...	...	...	...	...	...	...	...
...	41'612	-4'343	0.70	...	...	...	...	49'031	+45'073	-5	<i>m</i>	...	...	...	...	...	...	...	...	...
...	+41'854	+42'684	-3	...	...	...	...	+49'063	+12'449	-4	<i>b</i>	...	...	...	...	...	...	...	...	...
...	42'195	+51'235	0.85	...	...	...	...	49'426	-0'671	-4	...	...	...	...	...	...	...	...	...	...
...	42'373	+1'216	-5	...	...	...	...	49'693	+36'360	-1	...	...	...	...	...	...	...	...	...	...
...	42'660	+31'603	-3	...	...	...	...	50'057	-31'989	0.65	...	...	...	...	...	...	...	...	...	...
...	42'823	+56'799	-4	...	...	...	...	50'161	+42'409	-5	<i>m</i>	...	...	...	...	...	...	...	...	...

1-20						21-40						41-60					
I	-59'552	-18'607	-2	°E	...	2I	-54'111	-13'784	1.00	51.1357	9.7	4I	-48'717	-13'262	-4	...	...
SE*	59'526	-10'255	1.90	51.1354	8.2	...	53'859	+39'371	-4	...	...	...	48'047	+4'786	-4	...	...
...	58'962	+22'026	-4	...	...	...	53'025	+55'737	-4	...	...	*	47'946	+38'955	1.00	50.1468	9.4
...	58'196	+27'614	-4	E	...	...	52'985	+56'443	2.00	49.1478	8.7	...	47'264	+8'812	-4	...	...
*	58'132	+39'039	2.20	50.1461	8.3	...	52'711	-20'809	-4	...	...	...	47'072	+22'255	0.85	50.1469	10.0
...	-57'921	+30'826	-5	E	...	...	-51'727	+33'781	-3	...	...	...	-47'000	+5'040	-5	...	...
...	57'563	+39'997	-3	...	...	...	51'579	+45'847	-5	...	...	...	46'573	+10'731	-2	...	...
...	57'393	+26'042	-2	...	...	...	51'462	+17'834	0.65	...	...	*	46'332	-27'174	1.15	51.1362	9.3
...	57'153	+4'681	-3	...	...	...	51'077	+13'860	0.70	...	...	...	46'164	-54'109	-5	...	...
...	56'819	+52'181	-5	...	...	*	51'068	-30'545	1.10	51.1358	9.6	*	45'973	+14'758	0.80	50.1470	10.0
II	-56'015	-7'533	-2	E	...	3I	-50'968	+49'805	1.30	50.1466	8.3	5I	-45'456	+24'471	1.15	50.1471	9.0
...	55'748	+54'538	-4	...	...	*	50'904	+49'856	1.30	50.1466	8.3	...	45'204	-39'577	-5	...	...
*	55'676	+51'065	1.40	50.1462	9.0	...	50'732	-8'796	0.80	51.1360	10.0	...	44'691	+54'669	-2	...	...
...	55'614	+2'388	-5	M	...	*	50'715	-4'274	1.00	50.1465	9.9	...	43'651	+38'448	0.90	50.1472	10.0
...	54'992	-32'075	-4	...	...	*	50'478	+40'364	0.90	50.1467	9.7	...	43'405	+14'531	-5	M	...
*	-54'670	+43'675	1.60	50.1463	8.6	†	-50'194	-54'599	-1	51.1359	10.0	...	-43'121	+46'037	-5	M	...
...	54'329	+43'316	-5	M	...	N†	49'809	+56'328	-3	...	...	...	42'829	-58'843	0.80	51.1363	9.9
...	54'171	+29'737	-2	...	...	...	49'726	+18'863	-3	...	...	...	42'711	-16'527	-1	...	...
*	54'161	+54'632	1.20	50.1464	9.4	...	49'679	-46'171	0.75	51.1361	10.0	...	42'678	+36'707	-3	...	...
...	54'157	-42'479	-5	E	...	...	49'140	+15'339	-1	...	...	†	42'235	+40'042	1.00	50.1474	9.7

MC measured from 1, 66, 128, 195, 253, 336.

MB " " 37, 100, 163, 229, 298, 380.

37. Mass. 50°41, two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
61-120						121-180						181-240					
6I	-42.199	+ 9.835	1.00	50.1473	9.9	12I	-22.896	+25.834	- 3	...	...	18I	- 3.345	+13.795	0.95	50.1492	9.8
*	41.785	+14.195	- 3	...	...	...	21.869	+19.754	- 4	...	...	...	3.232	+47.348	- 4	...	...
*	41.158	-37.776	1.00	51.1364	9.8	...	20.843	+10.456	- 2	...	...	*	2.929	+ 1.798	1.10	50.1493	9.6
...	40.852	+57.490	- 5	M	...	...	20.734	+54.647	0.70	...	...	*	2.693	-42.505	1.00	51.1378	9.8
...	40.095	+21.912	- 4	...	...	...	20.635	+41.325	- 1	...	...	...	2.585	+55.764	- 5	M	...
...	-39.852	-13.125	- 4	...	...	...	-20.538	+24.731	- 4	...	...	*	- 1.797	-53.486	1.15	51.1379	9.4
...	39.775	+16.429	- 3	...	...	...	20.192	-56.946	- 3	...	...	...	1.788	+ 5.419	- 2	...	...
†	39.551	+35.128	1.70	50.1475	8.4	S *	19.842	-43.837	1.10	51.1369	9.0	...	1.576	+37.295	- 3	...	...
SN*	39.257	+41.415	2.90	50.1476	8.0	...	18.911	+ 6.578	- 5	M	...	...	1.561	-21.389	0.70	51.1380	10.0
...	38.880	-20.871	- 1	...	...	...	18.849	-29.847	- 3	...	...	...	1.366	+13.835	- 2	...	...
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
...	-38.161	+ 4.514	- 4	...	...	...	-18.416	+42.934	0.80	...	...	...	- 1.102	+39.635	0.65	...	...
†	37.936	+54.993	- 5	M	...	...	17.827	+40.327	- 5	M	...	...	1.055	-42.062	- 5	...	...
*	37.325	-58.153	1.10	51.1365	9.9	...	17.814	+12.134	0.85	...	...	S *	0.703	+48.119	1.95	50.1494	8.1
*	37.077	+21.998	0.90	50.1477	9.9	...	17.361	+16.076	- 3	...	...	...	- 0.514	+53.189	- 5	...	...
...	36.556	+ 9.901	0.70	...	...	...	17.319	+17.551	0.80	...	...	...	+ 0.167	+ 5.316	- 4	Bm	...
...	-36.421	+53.366	1.00	50.1478	10.0	...	-17.241	-34.169	- 5	...	...	...	+ 0.468	+54.094	- 5	...	...
...	36.177	+50.212	- 3	...	...	*	16.586	-31.205	1.60	51.1370	8.7	*	0.508	-37.603	1.20	51.1381	9.3
...	35.964	+22.525	- 2	...	...	*	15.831	-39.015	2.40	51.1371	8.2	...	0.678	-50.135	- 2	...	...
...	35.952	- 3.925	- 3	...	...	...	15.396	+47.085	- 4	...	...	...	0.747	-52.605	0.90	...	...
...	35.137	+12.876	- 3	...	...	†	15.006	-50.191	- 3	...	...	...	0.983	+46.263	- 1	...	...
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
...	-34.864	+35.028	- 4	...	...	...	-14.965	+23.740	1.30	50.1483	9.0	...	+ 1.245	+53.490	- 4	...	...
...	34.312	+45.726	- 5	M	...	...	13.232	+56.998	- 5	...	...	...	1.346	- 4.620	- 1	...	...
*	34.073	+51.270	1.00	50.1479	9.9	...	13.145	+57.579	- 4	...	...	...	1.399	+57.604	- 5	M	...
...	33.535	+28.341	- 4	...	...	...	12.956	-43.352	0.65	...	...	...	1.601	-35.971	- 3	...	...
...	33.265	+14.865	- 1	...	...	...	12.876	- 7.412	- 1	...	...	...	1.661	-43.131	- 4	...	...
...	-33.212	+57.090	0.90	49.1493	10.0	...	-12.811	-21.331	- 4	...	...	...	+ 1.957	+57.069	- 4	...	...
...	33.022	-40.585	- 4	...	...	...	12.635	+58.105	- 3	...	...	*	2.000	-44.734	1.20	51.1383	9.4
...	32.896	+13.387	- 3	...	...	...	12.597	+58.396	- 5	...	...	*	2.023	-14.067	1.00	51.1382	9.6
...	32.557	+ 2.456	- 3	B	...	...	12.477	-25.619	0.65	...	...	*	2.472	+46.478	1.60	50.1495	8.5
...	32.086	+ 9.358	- 2	...	...	...	12.402	+25.401	- 5	M	...	...	2.746	+53.041	0.90	...	...
9I	...	...	...	...	...	15I	...	...	...	...	...	21I	...	...	...	...	...
...	-32.034	+58.103	- 2	...	...	...	-12.338	-27.025	- 4	...	...	...	+ 3.186	+17.829	0.90	...	...
...	31.573	+22.373	0.75	...	...	...	12.105	+47.417	- 4	...	...	...	3.453	-15.641	- 4	...	...
*	31.537	+26.267	0.80	...	...	...	11.952	+49.916	- 1	...	...	...	3.751	-57.394	- 4	...	...
...	30.791	+31.612	- 4	...	...	S *	11.932	+10.779	1.90	50.1484	8.3	*	4.025	+45.570	1.30	50.1496	9.0
...	30.775	+50.840	- 4	B	...	...	11.924	+41.262	- 4	...	...	...	4.104	-31.750	- 1	...	...
...	-30.744	+26.081	- 3	...	...	*	-11.573	+ 4.236	1.20	50.1485	9.4	...	+ 4.443	-39.955	- 5	...	...
...	30.686	+16.685	- 2	...	...	...	10.838	-25.574	0.80	51.1372	10.0	...	4.453	+59.464	0.90	49.1519	9.9
...	30.507	+17.176	- 5	M	...	...	10.792	-42.371	- 3	...	...	†	4.852	+16.923	2.60	50.1497	8.1
...	30.238	+12.218	- 4	...	...	...	10.591	-27.509	- 3	...	...	*	4.854	+16.648	1.70	50.1498	8.7
...	29.650	- 0.692	- 5	...	...	...	10.335	-30.469	0.85	51.1373	10.0	*	5.169	- 5.679	1.20	51.1384	9.4
10I	...	...	...	...	...	16I	...	...	...	...	...	22I	...	...	...	...	...
*	-29.278	- 5.816	0.90	51.1366	9.8	...	-10.223	+52.656	- 4	...	...	...	+ 5.311	+54.092	- 1	...	...
...	29.099	+42.940	- 3	...	...	...	10.212	+49.350	0.90	50.1486	10.0	...	5.605	-36.030	- 4	...	...
...	28.965	+22.910	- 4	...	...	*	9.885	+18.210	1.10	50.1487	9.4	*	5.873	-42.313	1.00	51.1385	9.8
...	28.847	-23.592	0.70	...	...	*	9.855	+49.566	1.10	50.1488	9.2	...	6.622	+38.477	- 4	...	...
*	28.822	-11.356	0.75	51.1367	10.0	...	9.726	+51.237	- 4	...	...	...	7.059	+19.818	- 5	a	...
...	-28.005	-14.464	0.70	...	...	...	- 9.147	-44.090	- 1	...	...	S *	+ 7.251	-32.889	2.80	51.1386	7.4
*	27.787	+ 3.349	1.05	50.1480	9.4	...	9.113	-59.380	0.70	51.1374	10.0	*	7.901	+45.846	0.90	50.1499	10.0
...	27.553	+ 6.616	- 5	...	...	*	8.950	+38.248	0.90	50.1489	10.0	...	9.364	+ 6.296	- 5	...	...
...	27.185	+46.081	0.70	...	...	*	8.095	-17.555	1.05	51.1375	9.4	*	10.077	-44.135	1.00	51.1387	9.6
...	26.992	+31.679	0.80	...	...	*	7.041	-22.456	1.40	51.1376	8.8	*	10.764	-15.268	1.20	51.1388	9.2
11I	...	...	...	...	...	17I	...	...	...	...	...	23I	...	...	...	...	...
...	-26.689	-31.403	0.65	...	...	†	- 6.933	+10.183	- 5	...	...	...	+11.110	+33.486	0.70	...	...
...	25.532	-53.841	- 3	...	...	*	6.914	+45.575	0.95	50.1490	9.9	...	11.900	- 9.362	- 2	...	...
...	24.659	+51.681	- 4	...	...	...	6.796	+54.749	- 3	...	...	...	11.985	+15.982	- 5	...	...
*	24.268	+ 4.669	0.80	50.1481	10.0	*	6.608	-26.745	1.60	51.1377	8.7	...	13.130	+43.538	- 1	...	...
...	24.011	+44.727	- 1	...	...	...	5.959	-24.215	- 4	...	...	...	13.838	-12.150	- 2	...	...
...	-23.777	-52.276	- 1	...	...	†	- 5.311	+50.089	- 4	...	...	...	+14.441	-17.337	- 3	...	...
...	23.763	-43.206	0.65	...	...	*	5.297	+55.374	1.20	50.1491	9.0	...	14.567	-48.150	- 1	...	...
...	23.531	-12.646	0.65	...	...	...	4.718	+41.343	0.65	...	...	...	14.821	+20.760	- 3	...	...
...	23.473	+44.336	0.75	...	...	...	3.733	-43.585	- 3	...	...	†	14.891	+36.710	1.10	50.1500	9.3
*	23.148	+51.258	1.05	50.1482	9.8	...	3.416	+19.789	- 1	...	...	*	15.161	+52.351	0.80	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
241-300						301-360						361-412					
24I	+15.889	+57.694	-3	°	...	30I	+30.524	-55.793	-5	°	...	36I	+45.912	-27.313	-5	°	...
...	16.289	-44.003	-4	...	...	...	30.583	+20.261	-3	...	...	...	46.013	-53.726	-5	...	...
*	16.387	-53.157	1.20	51.1390	9.0	...	30.882	+22.998	-5	...	...	...	46.065	-29.842	-4	...	...
...	17.196	+51.039	-5	...	...	...	30.932	+55.777	0.70	...	...	...	46.097	-2.810	-3	...	...
...	17.671	+48.624	0.90	50.1501	10.0	...	31.507	+36.396	-2	...	...	...	46.216	+49.645	-5	...	...
...	+18.457	-46.257	-1	...	...	...	+31.542	+49.225	-3	...	...	...	+46.381	-0.890	0.75	...	...
...	18.505	-38.724	-1	...	...	...	31.626	+17.402	-5	...	...	...	46.617	+23.461	-4	...	...
*	18.525	+20.287	0.85	50.1502	10.0	...	31.775	+59.440	-4	...	...	...	46.858	-20.137	-4	...	...
...	19.152	-55.854	-2	...	...	...	33.245	+57.365	-3	...	...	...	47.253	-8.636	-3	...	...
*	19.156	+33.572	0.95	50.1503	9.7	...	33.255	+42.106	-1	...	...	*	47.650	+2.894	1.00	50.1521	9.6
25I	+19.477	-40.396	-5	...	...	31I	+33.480	-27.100	-4	...	...	37I	+47.953	+44.561	-3	...	...
S *	19.783	+6.384	1.80	50.1504	8.1	...	33.486	-54.976	-1	...	...	...	47.964	+42.445	-3	...	...
*	20.272	+49.241	1.20	50.1505	9.0	...	33.671	-51.741	-3	...	...	*	47.981	+44.699	1.30	50.1520	9.0
...	20.371	+25.385	-4	...	...	...	33.836	-32.371	-2	...	...	*	48.605	+9.256	0.95	50.1522	10.0
...	20.598	-44.797	-3	...	...	...	35.028	+36.984	-2	...	...	*	48.648	-35.775	1.00	51.1400	9.7
...	+20.977	-10.689	0.75	...	...	...	+35.040	+19.490	-4	...	...	...	+48.721	-44.111	-3	...	...
...	21.279	+1.331	-4	...	...	...	35.140	+33.025	0.70	...	...	...	48.884	-25.773	-3	...	...
...	21.393	+23.304	-3	...	...	...	35.143	+38.893	-1	...	...	*	48.994	+59.080	2.10	49.1563	8.3
...	21.691	+28.024	-5	...	...	...	35.710	+42.752	-4	...	...	...	49.703	-45.334	-1	...	...
...	22.186	-16.180	-4	...	...	...	35.851	-59.255	-5	...	...	†	49.840	-16.799	-5	...	...
26I	+22.227	-4.427	-2	...	...	32I	+36.003	+10.947	0.65	...	...	38I	+50.084	-55.085	-1	51.1401	10.0
...	22.371	-53.145	-4	...	...	...	36.270	+53.829	0.90	50.1512	10.0	...	50.339	+52.353	-3	...	...
...	22.597	-58.510	-3	...	...	*	36.589	-57.953	1.40	51.1393	8.9	...	50.394	-40.842	-1	51.1402	10.0
...	22.755	+45.509	-3	...	...	...	36.962	+43.292	-4	...	...	...	50.489	+44.536	-1	...	...
...	22.802	-37.789	-4	...	...	*	37.085	+49.719	1.00	50.1513	10.0	...	50.593	-29.441	-3	...	...
...	+22.862	-54.080	-2	...	...	...	+37.414	-21.536	0.65	...	...	*	+51.435	-14.945	0.75	...	...
*	23.360	+27.889	0.95	50.1506	9.9	...	37.551	+54.395	-3	...	...	...	51.944	+29.747	-5	...	...
*	23.536	-51.003	1.00	51.1391	9.9	...	37.558	+47.267	-1	...	...	...	52.131	+58.358	0.75	49.1564	9.9
...	23.753	-58.711	-1	...	...	S *	37.621	+38.157	1.30	50.1514	9.2	...	52.411	-27.872	-5	e	...
...	23.866	+45.886	-4	...	...	*	37.902	-58.844	1.05	51.1394	9.7	*	52.530	+55.860	2.00	49.1567	8.4
27I	+23.912	+36.935	-5	b	...	33I	+38.128	+25.023	-4	...	...	39I	+52.767	-20.960	-5	e	...
...	24.067	+42.968	0.90	50.1507	10.0	...	38.231	-43.620	-1	...	...	...	53.075	+52.278	0.70	50.1523	10.0
...	24.615	-33.432	0.75	...	...	...	39.033	-52.939	-1	...	...	*	53.261	+47.853	1.60	50.1524	8.6
...	25.372	+30.179	-4	...	...	...	39.052	-54.358	-5	...	...	...	53.303	+9.813	0.80	...	...
...	25.493	+40.972	-4	...	...	...	39.182	-48.291	-5	...	...	...	53.484	-44.806	-5	...	...
...	+25.513	+10.884	-2	...	...	*	+39.952	+48.305	1.20	50.1515	9.3	...	+53.655	-24.345	0.85	e	...
...	25.622	+22.559	-5	...	...	...	40.933	-1.096	-4	...	...	...	53.717	-47.148	-4	e	...
...	25.635	-58.265	-1	...	...	...	41.532	-31.252	-2	...	...	...	54.133	+27.444	-5	...	...
*	25.664	+25.270	0.95	50.1508	9.7	...	41.593	-2.067	-3	...	...	†	54.193	-54.685	-5	e	...
...	25.665	-13.267	-3	...	...	*	41.892	-56.303	3.00	51.1397	7.1	...	54.284	-34.611	-3	e	...
28I	+26.137	+25.369	-4	...	...	34I	+42.090	-26.749	1.15	51.1396	9.0	40I	+54.918	-4.060	-5	e	...
...	26.340	+53.849	-4	...	...	S *	42.094	-28.580	-4	...	...	...	55.112	-31.092	-5	e	...
...	26.596	-52.861	0.80	...	...	...	42.134	-26.827	-1	...	...	...	55.611	-24.374	-1	e	...
...	26.756	-18.807	-4	...	...	*	42.138	-14.895	1.00	51.1395	9.8	...	56.023	+24.297	-4	...	...
...	27.489	+44.812	-5	a	...	...	42.146	-31.783	-2	...	...	...	56.039	+24.094	-5	...	...
...	+27.708	+20.887	-3	...	...	...	+42.383	-31.371	-4	...	...	...	+56.169	+24.309	-4	...	...
...	27.868	+29.211	-2	...	...	*	43.019	+25.646	1.00	50.1517	9.6	...	56.510	+47.444	-1	...	...
...	27.938	+28.741	-4	...	...	*	43.154	+42.739	1.10	50.1516	9.4	...	56.643	+17.351	-3	...	...
*	28.550	+5.274	1.20	50.1509	8.9	...	43.225	-0.626	-4	...	...	...	56.891	+17.527	-4	e	...
...	28.554	-29.637	-4	...	...	...	43.364	+9.416	-4	...	...	...	58.088	+52.841	-3	...	...
29I	+28.558	+31.406	-4	...	...	35I	+43.373	-40.643	-3	...	...	41I	+59.405	-16.580	0.80	51.1406	10.0
...	28.701	+58.646	-5	...	...	*	43.428	+11.670	1.00	50.1518	9.6	e	59.511	-54.413	1.00	51.1407	9.8
...	29.168	-47.851	0.75	...	...	...	43.711	+26.299	-5	...	...	...	...	...	...	...	...
...	29.427	-58.617	-3	...	...	*	43.800	+57.648	1.40	49.1557	9.2	...	...	...	...	...	...
...	29.458	+12.043	0.65	...	...	*	43.891	-34.455	1.00	51.1399	9.3	...	...	...	...	...	...
*	+29.633	+44.382	1.00	50.1510	9.6	...	+44.343	-6.044	-4	...	...	...	...	...	...	...	...
*	29.738	+26.590	1.00	50.1511	9.8	...	44.718	+27.989	-1	...	...	...	...	...	...	...	...
S †	29.958	-39.899	2.10	51.1392	8.0	†	44.814	+54.990	1.00	50.1519	9.4	...	...	...	...	...	...
...	30.044	-9.174	0.70	...	...	...	44.946	+37.784	-4	...	...	...	...	...	...	...	...
...	30.387	-7.021	-5	...	...	...	45.763	-7.957	-1	...	...	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	...	...	...	E	...	6I	...	...	...	...	...	12I	...	...	...	...	...
...	-59.773	-28.032	-5	E	...	...	-41.461	-38.268	1.40	51.1412	8.8	...	-22.958	+22.243	-1	...	...
...	59.716	-21.114	-4	E	...	...	40.495	-39.348	-4	...	...	...	22.610	+51.680	0.95	50.1542	10.0
...	59.485	+36.367	-5	...	...	N	39.886	+45.689	0.80	...	...	...	22.395	-9.644	0.80	51.1420	10.2
...	58.740	+47.387	-1	...	...	...	39.880	+46.181	1.00	50.1532	9.4	...	22.323	-34.017	-4	...	...
...	58.663	-24.453	0.80	E	...	...	39.813	-48.434	-3	...	...	...	22.204	+15.452	-1	...	...
†	-58.313	+0.145	-5	...	...	...	-39.623	-5.895	-3	...	...	...	-20.714	+33.939	0.85	50.1543	10.1
...	58.288	+24.255	-3	...	...	...	39.423	+12.923	-5	...	...	...	20.710	+45.685	-2	...	...
...	58.262	+24.043	-5	...	...	*	39.340	-9.191	1.30	51.1413	9.4	...	20.141	-34.316	-4	...	...
...	58.233	-4.134	-4	E	...	...	39.095	+15.764	-5	...	...	...	20.070	+4.941	-2	...	...
...	58.134	+24.277	-5	...	...	...	38.959	+14.598	2	...	...	...	19.636	-26.827	-5	...	...
II	...	...	...	...	...	7I	...	...	...	...	...	13I	...	...	...	...	...
...	-57.806	+13.184	-5	...	...	...	-36.714	-44.358	-5	p	...	...	-19.394	-50.116	1.10	51.1422	9.8
...	57.675	-47.227	-3	E	...	...	36.567	+18.576	0.80	...	...	...	18.971	-38.655	0.90	51.1423	10.2
...	57.629	-34.688	-3	E	...	...	36.558	+52.115	-1	...	...	...	18.045	+12.771	1.10	50.1544	9.4
...	57.383	+17.321	-2	...	...	*	36.420	+41.891	1.20	50.1533	9.3	...	18.031	+25.393	-3	...	...
...	57.376	+52.858	-2	...	...	...	36.191	+4.254	0.90	...	...	...	17.880	+46.482	-5	A	...
...	-57.151	+17.524	-2	E	...	...	-36.001	-20.723	0.75	...	...	...	-17.825	-50.836	-4	...	...
...	56.933	-31.143	-4	E	...	N	35.675	-27.191	-1	...	...	S	17.294	+12.488	1.20	50.1545	9.2
†	56.903	-54.753	-4	E	...	...	35.664	-20.886	-4	...	...	...	17.176	-46.045	-4	...	...
...	56.714	-24.395	-1	E	...	...	35.490	-18.273	-1	...	...	...	16.253	-51.808	-2	...	...
*	54.696	+51.548	1.90	50.1525	8.7	...	35.481	-18.302	-3	...	...	...	15.453	+44.350	-3	...	...
2I	...	...	...	...	...	8I	...	...	...	...	...	14I	...	...	...	...	...
...	-54.565	+38.834	-2	...	...	...	-35.339	-7.441	1.10	51.1415	9.6	...	-15.373	-2.290	-3	...	...
...	54.324	+19.933	-2	...	...	...	35.214	-26.181	-5	p	...	...	15.373	-55.026	-4	...	...
...	53.319	+38.939	-3	...	...	*	34.986	-2.176	0.95	50.1534	9.8	...	15.330	+9.846	-1	50.1546	10.2
E *	53.245	-16.452	0.90	51.1406	10.0	...	34.821	+17.763	-2	...	...	...	15.100	-31.872	1.00	51.1424	10.0
S *	52.824	+51.004	2.50	50.1527	8.0	...	34.468	-19.903	-3	...	...	...	14.878	+6.529	-4	...	...
*	-52.816	+38.944	1.00	50.1526	9.9	...	-34.086	+44.796	-3	...	...	...	-14.814	+36.208	0.85	50.1547	10.1
...	51.967	+46.387	-4	...	...	*	33.343	-23.542	1.40	51.1416	8.9	S	14.339	+37.804	1.60	50.1548	8.4
...	51.838	+19.181	-4	...	...	...	32.546	+28.715	-3	...	...	...	14.248	-1.709	-3	...	...
E *	51.584	-54.251	1.00	51.1407	9.8	...	32.314	+42.149	-3	...	...	...	13.981	-36.549	1.00	51.1425	10.1
...	51.539	-40.830	-1	...	...	...	32.140	+0.536	-4	...	...	...	13.923	+5.725	0.90	50.1549	10.2
3I	...	...	...	...	...	9I	...	...	...	...	...	15I	...	...	...	...	...
...	-51.196	+23.887	-3	...	...	...	-32.028	-46.033	-2	...	...	...	-13.923	+18.860	-5	...	...
...	50.957	+38.664	-2	...	...	...	31.596	+18.544	-2	...	...	...	13.824	+43.727	-1	...	...
*	50.753	-48.931	0.95	51.1408	10.0	...	31.448	-49.491	-4	...	...	...	13.627	-20.435	0.75	...	...
...	50.342	+43.107	-4	...	...	...	31.072	+59.448	-3	...	...	...	13.522	+30.196	-4	...	...
†	49.688	+34.978	0.90	50.1528	9.7	...	31.018	+19.953	0.90	...	...	...	13.212	+32.997	-1	...	...
...	49.611	-40.144	-4	...	...	...	-30.809	-52.627	-5	...	...	...	-12.916	-36.039	1.00	51.1426	9.9
...	49.596	-39.344	-1	...	...	*	30.691	+58.856	1.30	49.1591	9.3	...	12.475	-20.725	-1	...	...
...	49.568	-25.874	0.95	51.1410	9.6	*	30.569	+40.352	0.95	50.1535	9.7	...	12.398	+56.012	-1	...	...
S *	49.523	-45.523	2.80	51.1409	7.4	...	30.500	-23.333	-1	...	...	...	11.979	-3.803	-5	...	...
S *	49.438	-17.607	1.60	51.1411	8.7	...	30.371	+53.017	-2	...	...	...	11.447	+38.921	1.40	50.1550	9.1
4I	...	...	...	...	...	10I	...	...	...	...	...	16I	...	...	...	...	...
...	-49.210	-31.619	-4	...	...	...	-30.287	-14.514	1.00	51.1417	9.8	...	-11.335	+19.151	-3	...	...
...	49.176	-10.425	-4	...	...	...	30.256	+8.090	0.85	...	...	...	11.084	+28.779	0.95	50.1551	10.1
...	49.158	-53.430	-1	...	...	...	29.268	-51.096	-4	...	...	...	10.986	+57.420	-1	...	...
...	48.795	+26.624	-3	...	...	*	28.679	+50.629	1.00	50.1536	9.7	...	10.673	-45.517	-2	...	...
...	48.621	+6.562	-5	...	...	...	28.644	+49.370	1.05	50.1537	9.6	...	10.444	+46.133	-2	...	...
...	-48.489	+37.634	-2	...	...	...	-28.416	+9.563	-5	...	...	...	-10.247	+2.262	-3	...	...
...	47.173	+13.580	0.65	...	...	...	28.336	-47.338	-4	...	...	...	9.928	+53.597	-3	...	...
...	46.452	-1.174	-5	...	...	...	27.952	-45.938	-5	...	...	...	9.912	+20.927	-4	...	...
...	46.404	-45.776	-5	...	...	...	27.808	-5.528	0.80	51.1418	10.2	...	9.842	+23.795	0.90	50.1552	10.0
...	45.010	-28.255	0.85	...	...	...	27.208	-48.699	-5	p	...	...	9.638	-53.567	0.90	51.1428	10.2
5I	...	...	...	...	...	III	...	...	...	...	...	17I	...	...	...	...	...
†	-44.844	-32.042	-5	...	...	...	-27.187	+20.783	0.70	50.1538	10.2	...	-9.090	+50.027	-5	...	...
...	44.062	+7.982	-5	...	...	...	26.470	+4.009	-5	...	...	...	8.821	-37.920	-4	...	...
...	43.910	+49.295	-3	...	...	*	26.252	+15.569	0.95	50.1539	9.7	...	8.779	+13.372	-1	...	...
S *	43.710	+13.966	1.00	50.1529	9.4	...	26.019	+55.784	0.90	49.1592	10.1	...	8.455	-49.308	0.70	...	...
...	43.701	+24.652	0.90	50.1530	10.0	...	25.930	+1.563	0.85	50.1540	10.1	...	8.274	+25.159	-5	...	...
...	-43.123	-48.785	-1	...	...	...	-25.884	-32.995	-3	...	...	...	-8.180	-37.203	-5	...	...
*	43.020	+26.231	1.10	50.1531	9.4	...	24.812	-39.305	0.70	51.1419	10.2	...	7.834	+25.831	1.60	50.1553	8.5
...	42.996	-57.586	-3	...	...	...	23.716	-37.421	-5	...	...	...	7.707	+31.169	0.95	50.1554	9.7
...	42.565	-10.924	-4	...	...	...	23.579	+24.815	-1	...	...	S	7.676	-37.598	2.80	51.1429	7.5
...	41.926	-27.001	0.70	...	...	*	23.267	+49.824	0.85	50.1541	10.1	...	7.601	+32.889	-5	A	...

MC measured from 1, 63, 130, 210, 316, 408.
MB " " 35, 103, 167, 266, 367, 462.

63. Obscures 2nd image of 64.
77. Mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
181-240						241-300						301-360					
18I	...	...	...	...	...	24I	...	...	...	...	...	30I	...	...	...	...	...
...	- 7°588	-36°392	0.75	51.1430	10.2	...	+ 5°712	+ 8°090	- 1	...	...	...	+18°512	+22°668	- 2	...	...
...	7°495	-18°472	- 2	...	...	†	5°729	+20°064	- 4	...	...	...	18°653	+33°606	0.80	...	...
...	6°917	- 9°699	- 5	...	...	...	5°733	-31°690	- 5	<i>p</i>	...	...	19°013	+ 6°064	0.85	50.1578	9.9
...	6°329	+12°298	- 4	...	...	*	6°029	-20°853	1.00	51.1440	9.8	...	19°047	-15°114	- 4	...	...
...	6°078	-29°076	- 3	...	...	...	6°152	-38°702	- 4	...	...	...	19°080	+15°395	- 4	...	...
†	- 5°490	+49°971	- 5	...	...	...	+ 6°196	-52°220	- 5	...	...	...	+19°212	-20°160	0.70	51.1449	10.2
...	5°394	-44°500	- 3	...	...	<i>S</i> *	6°265	+ 2°445	1.20	50.1567	9.3	*	19°239	-29°419	0.95	51.1450	10.1
*	5°378	+20°954	1.70	50.1555	8.1	...	6°275	+24°746	- 3	...	...	...	19°335	+13°898	- 4	...	...
...	5°314	+55°265	- 4	...	...	...	6°320	+15°204	- 4	...	...	...	19°357	+41°485	- 3	...	...
...	5°249	+ 0°905	0.90	50.1557	9.9	...	7°455	-46°568	- 5	...	...	...	19°380	+17°854	- 5	...	...
19I	...	...	...	...	...	25I	...	...	...	...	...	31I	...	...	...	...	...
...	- 5°184	+ 1°083	0.90	50.1556	9.6	...	+ 7°529	- 8°676	- 4	...	...	...	+19°428	+19°919	- 5	...	...
...	4°300	+46°538	- 5	...	...	...	7°721	-57°628	- 1	...	...	...	19°433	+46°180	- 1	...	...
...	4°266	+18°592	- 5	...	...	*	8°087	+15°931	1.00	50.1568	9.6	...	19°439	-52°991	- 3	...	...
*	3°878	-10°827	1.60	51.1431	8.8	*	8°271	-49°576	0.95	51.1441	10.2	...	19°666	+48°434	0.90	50.1579	10.0
*	3°693	-14°024	1.20	51.1432	9.4	...	8°307	+10°541	- 3	...	...	*	19°693	-48°167	3.20	51.1451	6.6
*	- 3°604	+ 7°978	0.95	50.1558	9.7	...	+ 8°380	+10°925	- 5	...	...	*	+20°152	+39°812	1.00	50.1580	9.6
*	3°414	-10°712	1.80	51.1433	8.5	...	8°465	+35°976	0.90	50.1569	9.8	...	20°252	- 7°781	- 1	...	...
...	2°866	+10°872	- 5	<i>M</i>	...	*	8°479	-26°362	1.00	51.1442	9.9	...	20°360	+27°991	- 5	...	...
*	2°169	-18°557	0.90	...	...	...	8°613	-26°181	- 5	...	...	...	20°414	-38°878	- 1	...	...
...	2°156	+46°231	0.80	50.1559	10.1	*	8°726	-52°182	1.20	51.1443	9.7	*	20°451	-20°792	0.95	51.1452	9.9
20I	...	...	...	...	...	26I	...	...	...	...	...	32I	...	...	...	...	...
...	- 2°055	+ 5°718	- 5	<i>M</i>	...	...	+ 8°810	+29°391	- 5	...	...	†	+20°480	+ 0°171	- 1	...	...
...	1°914	- 4°046	- 2	...	...	...	9°130	-22°443	- 5	...	...	*	20°968	- 2°439	1.20	50.1581	9.2
*	1°874	-18°107	1.50	51.1434	8.7	...	9°165	-43°307	- 1	...	...	...	21°899	-31°806	- 5	...	...
...	1°703	+ 6°277	- 4	...	...	...	9°744	- 0°490	- 2	...	...	...	22°140	+31°526	- 4	<i>a</i>	...
...	1°332	-50°422	- 4	...	...	...	9°843	+36°754	- 5	...	...	...	22°722	+ 0°720	- 2	...	...
...	- 1°279	-32°880	- 3	...	...	†	+10°040	-20°161	- 3	...	...	...	+22°867	+27°365	- 5	...	...
*	1°149	+28°499	1.05	50.1560	9.6	*	10°201	+34°418	1.05	50.1570	9.6	*	22°994	-25°180	1.20	51.1454	9.3
...	0°990	+20°142	- 4	...	...	...	10°877	+37°982	0.65	...	...	...	23°001	- 3°224	- 5	...	...
...	- 0°653	+14°082	- 3	...	...	*	11°269	-24°661	1.20	51.1444	9.4	...	23°096	+42°519	- 5	...	...
...	+ 0°174	+18°626	- 3	...	...	...	11°585	+ 1°498	0.85	50.1571	10.2	...	23°283	+39°864	- 4	...	...
21I	...	...	...	...	...	27I	...	...	...	...	...	33I	...	...	...	...	...
...	+ 0°176	- 3°652	0.85	50.1561	10.2	...	+12°115	-56°245	0.75	...	...	*	+23°714	-37°077	1.40	51.1455	9.1
...	0°422	-36°930	- 1	...	...	...	12°186	+ 2°641	0.90	50.1572	9.9	...	24°190	-20°835	- 4	...	...
...	0°597	-32°029	- 4	...	...	...	12°524	- 8°023	- 5	...	...	...	24°384	+ 1°349	- 3	...	...
...	1°084	-56°310	- 3	...	...	...	13°150	+12°108	- 3	...	...	<i>S</i> *	24°425	+41°528	1.20	50.1582	8.9
...	1°175	-16°343	- 4	...	...	...	13°448	+16°686	- 5	...	...	...	24°536	+24°441	- 3	...	...
...	+ 1°336	-11°823	0.90	51.1435	9.8	...	+13°456	+41°306	0.65	...	...	...	+24°699	-16°996	- 3	...	...
...	1°510	+28°860	- 5	...	...	...	13°632	+22°991	0.90	50.1573	10.0	...	24°722	+40°182	- 5	...	...
<i>S</i> *	1°699	-13°514	1.90	51.1436	8.3	...	13°675	- 5°172	- 3	...	...	...	24°832	+31°382	- 4	...	...
*	1°986	+33°418	0.90	50.1562	10.0	...	13°731	+25°780	- 2	...	...	...	24°847	- 0°170	0.80	50.1583	10.2
†	2°163	-54°568	2.80	51.1437	7.3	...	14°091	+23°564	0.70	50.1574	10.1	...	25°014	-56°035	- 1	...	...
22I	...	...	...	...	...	28I	...	...	...	...	...	34I	...	...	...	...	...
...	+ 2°170	-23°058	- 5	...	...	...	+14°168	+21°180	- 5	...	...	...	+25°406	-15°045	- 2	...	...
...	2°365	+50°647	0.75	...	...	*	14°313	-44°992	1.20	51.1445	9.3	...	25°987	+46°184	- 1	...	...
*	2°368	+34°346	0.90	50.1563	10.1	...	14°683	+15°741	- 4	...	...	...	26°120	+46°577	- 2	...	...
...	2°492	+16°247	- 5	<i>M</i>	...	...	14°765	-26°270	- 3	...	...	...	26°173	+38°245	- 5	...	...
...	2°641	+ 8°071	- 1	...	...	...	14°838	-42°810	- 5	...	...	...	26°219	+17°205	- 2	...	...
...	+ 2°642	+ 4°743	- 4	<i>M</i>	...	...	+15°380	+37°384	- 5	...	...	...	+26°291	+36°361	- 2	...	...
...	3°092	+22°861	- 4	...	...	*	15°465	-14°658	0.90	51.1446	9.8	...	26°365	+17°342	- 2	...	...
...	3°249	+ 0°260	- 4	<i>a</i>	...	*	16°107	-35°510	0.85	51.1447	10.1	...	26°626	+46°911	- 5	<i>b</i>	...
*	3°775	- 6°788	- 3	...	...	...	16°208	-49°936	- 1	...	...	...	26°632	+27°036	- 3	...	...
...	3°820	-22°672	2.00	51.1438	8.2	...	16°448	+35°852	- 4	...	...	...	26°704	+51°960	0.75	50.1584	10.2
23I	...	...	...	...	...	29I	...	...	...	...	...	35I	...	...	...	...	...
...	+ 3°926	-21°120	- 4	...	...	...	+16°673	+17°078	- 3	...	...	*	+26°893	+20°936	0.95	50.1585	10.0
...	4°035	-42°256	0.90	51.1439	10.2	...	16°866	+39°200	- 3	...	...	...	27°267	+24°680	- 2	...	...
...	4°607	+41°275	- 3	...	...	...	17°310	+31°896	- 4	...	...	...	27°336	- 1°125	- 5	...	...
*	4°900	+17°278	1.00	50.1564	9.4	*	17°763	- 2°639	1.80	50.1575	8.5	...	27°519	+31°993	- 5	...	...
†	4°900	- 4°204	2.00	50.1565	7.8	...	17°812	-11°145	0.80	51.1448	10.1	...	27°735	-38°320	- 5	<i>p</i>	...
*	+ 4°917	+59°137	0.95	49.1604	10.1	...	+17°957	-19°366	- 4	...	...	...	+27°822	+48°512	- 2	...	...
...	5°099	- 7°026	- 3	...	...	...	18°107	-35°044	- 5	<i>p</i>	...	...	28°039	+46°220	- 3	...	...
...	5°349	- 4°267	- 5	...	...	*	18°202	+22°665	1.05	50.1576	9.6	...	28°195	+32°615	- 2	...	...
*	5°491	-34°935	- 3	...	...	*	18°306	+12°183	0.90	50.1577	10.0	...	28°956	-34°135	- 4	...	...
...	5°541	+34°208	1.00	50.1566	9.3	...	18°395	+49°100	0.65	...	...	...	28°959	-30°699	- 4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
361-420						421-480						481-512					
36I	+29°065	+26°464	-5	...	...	42I	+42°643	-4°035	-4	...	...	48I	+53°614	-0°493	-3	<i>e</i>	...
...	29°116	+22°192	-3	...	...	...	42°765	-4°155	-5	...	...	...	53°825	-6°312	-5	<i>e</i>	...
*	29°166	+12°101	1·00	50.I586	9·9	...	42°949	-29°448	-1	...	...	...	54°434	+34°540	-3	...	...
...	29°210	-42°713	-4	...	...	...	43°025	+43°368	-1	...	...	...	54°590	+50°193	-5	...	...
...	29°269	+38°104	-3	...	...	*	43°051	-20°677	1·00	51.I462	9·6	...	54°607	-56°169	-5	<i>p</i>	...
...	+29°748	+13°981	-5	...	...	*	+43°281	+24°304	1·20	50.I592	9·3	...	+54°608	-7°807	-5	<i>e</i>	...
...	30°222	+20°286	-4	...	...	...	43°308	+31°353	-3	...	...	†	54°798	+6°911	-4	...	...
...	30°249	+37°900	-1	...	...	...	43°419	-32°652	-1	51.I463	10·2	...	55°198	+33°141	-2	...	...
...	30°366	+42°330	-2	...	...	*	43°458	-24°682	1·30	...	...	...	55°302	+40°709	-4	...	...
...	30°384	-14°643	0·90	51.I457	10·0	*	43°721	-24°363	4·40	51.I464	5·0	*	55°387	+23°633	1·15	50.I607	9·3
37I	+30°535	-29°918	0·65	...	...	43I	+43°908	-23°826	0·90	...	...	49I	+55°626	+4°617	0·70	50.I609	10·2
...	30°788	-10°364	-5	...	...	*	44°080	-25°415	1·00	51.I465	9·6	<i>e</i> *	55°653	-8°365	0·80	51.I476	10·1
...	31°244	+18°547	0·85	50.I587	10·1	...	44°229	-35°677	-2	...	...	N	55°932	+42°087	-4	...	...
...	31°521	+49°047	-1	...	...	...	44°638	-4°756	-5	<i>p</i>	...	...	55°940	+43°060	0·85	50.I608	9·9
...	31°697	-22°470	-3	...	...	†	44°645	-4°817	0·70	50.I594	10·2	<i>e</i> *	55°969	-50°962	1·20	51.I477	9·1
...	+32°517	-49°223	-2	...	...	*	+44°926	+27°363	0·95	50.I593	9·8	<i>e</i> *	+56°574	-48°261	1·05	51.I479	9·4
*	32°550	-2°478	1·20	50.I588	9·2	*	45°240	-41°634	1·00	51.I466	9·4	...	56°634	+38°487	-2	...	...
...	32°807	+32°802	-4	...	...	...	45°354	+44°887	-2	...	...	...	56°859	-55°971	-4	<i>e</i>	...
...	33°053	+41°408	-5	...	...	...	45°377	+34°124	-4	...	...	<i>e</i> *	57°023	-10°715	1·90	51.I478	8·2
...	33°077	+19°510	0·85	50.I589	10·0	...	45°404	-4°724	-2	...	...	<i>e</i> *	57°222	-48°472	1·05	51.I482	9·4
38I	+33°343	-47°299	-1	...	...	44I	+45°424	-14°579	-3	...	...	50I	+57°453	-21°820	1·05	51.I480	9·4
...	33°479	-19°699	-2	...	...	...	45°729	+19°982	-1	...	...	<i>e</i> *	57°629	+52°836	-1	50.I610	10·2
...	33°759	-2°194	-1	...	...	...	45°757	-13°617	0·70	...	...	...	57°710	-13°504	-3	<i>e</i>	...
*	33°760	-11°928	0·90	51.I458	9·9	...	45°894	-37°691	-4	...	...	...	57°785	+28°484	0·85	50.I611	10·1
...	34°502	+35°280	-3	...	...	...	46°160	+31°780	0·80	...	...	<i>S</i> *	58°037	+11°539	2·30	50.I612	7·8
...	+34°579	-7°425	-3	...	...	*	+46°176	+39°137	1·00	50.I595	9·4	<i>e</i> *	+58°096	-9°234	2·20	51.I481	8·0
...	35°125	-10°487	-4	...	...	...	46°178	+28°514	-3	...	...	<i>e</i> *	58°516	+56°803	1·20	49.I644	9·3
...	35°264	-35°833	-3	...	...	*	46°493	-11°777	1·20	51.I467	9·4	<i>e</i> *	58°641	-14°006	1·60	51.I483	8·5
*	35°563	-9°300	0·80	51.I459	10·2	*	46°840	+39°151	1·20	50.I596	9·4	*	58°710	+35°634	1·20	50.I613	9·4
...	36°031	-45°593	-3	...	...	*	47°028	+5°747	1·20	50.I597	9·2	...	58°961	+36°124	0·75	50.I614	9·9
39I	+36°211	+53°522	-3	...	...	45I	+47°057	+36°546	-5	<i>b</i>	...	51I	+59°065	+34°875	0·95	50.I615	9·6
...	36°224	+5°667	0·90	50.I590	10·1	...	47°577	+8°275	-2	...	...	...	59°404	+41°460	-4	...	...
...	36°256	-46°725	-1	...	...	...	47°591	-40°931	-3	...	...	...					
...	36°275	+16°576	0·75	...	...	<i>S</i> *	47°936	-40°225	1·20	51.I469	9·0	...					
...	36°322	-26°290	0·65	...	...	*	47°963	+1°447	1·00	50.I599	9·6	...					
...	+36°328	-6°128	-5	...	...	*	+48°008	+50°562	1·00	50.I598	9·6	...					
...	36°529	-31°561	-3	...	...	...	48°073	-55°452	-3	51.I470	10·1	...					
...	36°610	-12°703	0·70	...	...	*	48°353	-21°727	1·00	51.I468	9·6	...					
...	37°149	-47°800	-2	...	...	...	48°697	-46°437	-1	51.I471	10·0	...					
...	37°845	+31°414	-3	...	...	...	49°179	+28°161	-4	...	...	...					
40I	+37°989	+37°580	-2	...	...	46I	+49°687	-55°261	1·60	51.I472	8·9	...					
...	38°511	-28°877	-1	...	...	†	49°899	+22°199	0·75	50.I600	10·0	...					
...	38°804	-25°512	-3	...	...	*	50°073	+1°396	1·00	50.I602	9·6	...					
...	39°023	+38°526	-1	...	...	...	50°170	+21°325	-2	...	...	...					
...	39°218	+8°881	-4	...	...	...	50°201	+53°443	-5	...	...	...					
...	+39°308	-27°702	-2	...	...	...	+50°229	+44°894	-5	...	...	...					
...	39°462	+13°776	-4	...	...	*	50°331	-2°881	0·85	...	...	...					
*	39°969	-31°285	0·90	51.I460	10·2	†	50°390	+30°039	0·70	50.I601	9·9	...					
...	40°670	+42°548	-2	...	...	...	51°060	-41°116	-1	51.I473	10·2	...					
...	40°732	-26°639	-4	...	...	*	51°502	-46°422	-5	...	...	...					
41I	+40°879	-49°061	-3	...	...	47I	+51°538	-48°862	-1	51.I474	10·2	...					
*	41°384	+11°359	1·00	50.I591	9·6	<i>e</i>	51°942	-56°220	-1	<i>e</i>	...	...					
...	41°434	+14°088	-4	<i>a</i>	...	*	52°470	+37°997	1·20	50.I603	9·6	...					
...	41°586	-52°149	-3	...	...	...	52°526	+42°966	-5	...	...	...					
...	41°994	-53°690	1·00	51.I461	9·7	*	52°530	+25°699	1·15	50.I604	9·6	...					
...	+42°073	+6°403	-4	...	...	...	+52°601	+33°704	-2	...	...	...					
...	42°228	+36°440	-1	...	...	<i>e</i> *	52°956	-27°064	1·15	51.I475	9·4	...					
...	42°399	+12°776	0·65	...	...	*	53°024	-4°474	1·60	50.I606	8·3	...					
...	42°465	+21°564	-5	<i>b</i>	...	...	53°296	+49°192	0·70	50.I605	10·1	...					
*	42°477	+58°757	1·20	49.I630	9·3	...	53°561	-30°262	-5	<i>e</i>	...	...					

493. Obscures 3rd image of 494.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I †	-59°784	-49°017	-1	E	...	61 ...	-46°959	-20°683	-2	...	...	I21 ...	-32°876	+11°958	0.75	50.1631	10.2
...	59°680	-0°612	-4	E	...	...	46°630	-25°024	1.20	51.1489	9.3	...	32°331	+31°415	-1	...	...
...	59°674	+40°624	-4	...	...	...	46°542	-42°629	1.10	51.1488	9.2	...	31°411	+34°545	-5	...	...
...	59°478	+33°047	-2	...	...	...	46°052	-38°253	-3	...	...	...	31°220	-3°041	-5	...	...
E *	59°269	-27°190	1.00	51.1475	9.4	...	45°955	-39°351	-2	...	...	...	31°069	-58°759	-3	...	...
...	-59°244	-6°424	-5	E	...	...	-45°877	-43°191	0.85	51.1490	10.0	*	-30°552	+43°067	1.00	50.1633	9.6
*	59°134	+42°991	0.90	50.1608	9.9	...	45°823	-37°085	1.00	51.1491	9.6	...	30°263	+43°864	-5	...	...
...	59°083	+42°009	-4	...	...	...	45°741	+5°444	2.10	50.1621	7.6	...	29°780	-6°309	-5	...	...
...	59°079	-56°355	-3	E	...	...	45°469	-4°122	-3	...	...	*	29°586	-47°507	1.20	51.1500	9.3
*	58°886	+23°548	1.20	50.1607	9.3	†	44°952	+18°737	-1	...	...	...	29°529	-27°597	-4	...	...
II	-58°809	+6°835	-4	...	...	71 ...	-44°809	+12°514	-5	...	...	I31 ...	-29°391	-39°200	-4	...	...
...	58°531	-30°359	-5	E	...	...	44°144	+27°482	-5	...	...	...	28°897	+33°837	-3	...	...
...	58°384	-7°872	-5	E	...	*	44°027	+53°513	1.00	50.1622	9.8	...	28°842	+30°261	-5	M	...
...	58°256	+38°437	-2	...	...	...	43°539	-0°713	-4	...	...	*	28°298	-20°675	0.85	...	...
...	57°887	+4°562	0.75	50.1609	10.2	...	43°490	-20°578	-4	...	...	†	27°874	-4°783	-2	...	...
...	-57°831	+52°823	-2	50.1610	10.2	...	-43°326	-16°747	-3	...	...	...	-27°357	+9°608	0.75	50.1634	10.2
E *	57°317	-8°394	0.80	51.1476	10.1	*	43°056	-26°589	2.70	51.1493	7.6	...	27°238	-28°685	-3	...	...
...	57°131	+44°548	-5	...	...	...	43°021	-4°157	0.90	50.1623	10.2	...	27°029	-20°004	-5	p	...
*	57°111	+56°822	1.20	49.1644	9.3	*	42°959	-46°344	1.40	51.1492	8.9	...	26°988	+27°116	-3	...	...
...	56°921	+10°909	-5	...	...	...	42°832	-25°300	-2	...	...	...	26°661	+42°689	-5	M	...
2I	-56°693	+28°500	0.85	50.1611	10.1	81 ...	-42°800	+51°025	-5	M	...	I41 ...	-26°228	-31°754	-3	...	...
*	56°055	+35°685	1.15	50.1613	9.4	...	42°709	-4°378	0.90	50.1624	10.2	...	26°049	-27°966	-3	...	...
E *	55°864	-10°684	1.80	51.1478	8.2	...	42°675	+50°746	-5	...	...	...	25°533	-7°097	-3	...	...
...	55°833	+36°181	0.80	50.1614	9.9	*	42°653	-6°506	0.95	51.1494	10.0	S *	25°439	+11°966	2.70	50.1635	7.4
S *	55°746	+11°584	2.40	50.1612	7.8	...	42°597	-25°173	-5	...	...	...	25°390	+23°594	0.70	...	...
...	-55°669	+34°930	0.95	50.1615	9.6	...	-42°355	-50°491	-5	...	...	*	-25°334	+21°832	2.20	50.1636	8.2
...	55°606	+41°535	-3	...	...	...	41°159	+25°535	-3	...	...	S *	25°292	-45°829	1.85	51.1501	8.3
E *	55°269	-50°943	1.20	51.1477	9.1	*	40°928	-30°327	0.95	51.1495	9.9	†	25°017	+18°525	-4	...	...
...	55°059	-13°447	-4	E	...	*	40°702	-18°857	1.00	51.1496	9.8	†	24°967	+4°985	-3	...	...
E *	54°985	-21°766	1.00	51.1480	9.4	S *	40°660	-12°686	1.50	51.1497	8.5	†	24°956	-47°027	-1	...	...
3I	-54°838	-9°162	2.20	51.1481	8.0	91 ...	-40°576	-45°579	-4	...	...	I51 †	-24°926	+18°578	-2	...	...
E †	54°777	+59°862	-5	...	...	...	40°417	-10°710	-4	...	...	*	24°874	+23°784	0.95	50.1637	9.8
...	54°772	-48°213	1.05	51.1479	9.4	...	40°157	-45°740	-5	...	...	...	24°651	+25°327	-3	...	...
E *	54°198	-55°915	-4	E	...	*	39°578	+7°261	0.95	50.1625	9.6	...	24°645	+52°604	1.00	50.1638	9.6
...	54°130	-48°407	1.05	51.1482	9.4	...	39°375	+36°043	-4	...	...	*	24°511	-48°383	1.20	51.1502	9.2
E *	-54°115	-13°908	1.60	51.1483	8.5	...	-38°881	+52°816	0.90	50.1626	9.8	...	-24°243	-33°181	-3	...	...
...	53°402	-1°760	-5	...	...	...	38°706	+38°344	-4	...	...	...	23°780	-42°396	-5	...	...
...	53°005	-53°715	-5	...	...	...	38°694	+15°863	-1	...	...	...	23°660	-21°960	0.90	51.1503	10.2
...	52°879	+7°222	-5	...	...	...	38°329	-10°051	0.65	...	...	...	23°424	-17°749	-1	...	...
*	52°457	+27°194	0.95	50.1616	9.9	*	37°988	-47°593	1.15	51.1498	9.1	...	22°407	+25°298	0.90	50.1639	10.1
4I	-52°403	+59°407	1.20	49.1650	8.7	101 *	-37°903	-45°717	1.00	51.1499	9.6	I61 *	-22°286	+37°388	0.95	50.1640	10.1
n *	52°360	+49°128	-5	...	...	*	36°943	+35°346	0.95	50.1627	9.7	†	22°072	+35°029	-3	...	...
...	52°325	+59°492	1.20	49.1650	8.7	...	36°784	-17°987	-1	...	...	...	22°045	+8°092	-2	...	...
n *	52°061	+47°326	-5	B	...	...	36°692	-28°193	-4	...	...	...	21°969	+5°789	-2	...	...
...	51°446	-34°094	1.30	51.1484	8.8	...	36°170	-27°909	-5	...	...	*	21°462	-8°614	1.10	51.1504	9.4
...	-51°304	+28°142	-2	...	...	...	-36°064	+48°391	-2	...	...	...	-21°179	-43°185	-3	...	...
S *	51°008	+46°878	1.70	50.1617	8.7	...	35°662	-38°147	-2	...	...	...	21°117	+25°901	-5	...	...
...	50°361	+48°033	-5	...	...	*	35°424	+9°378	0.90	50.1628	10.0	...	20°982	+44°277	-3	...	...
...	50°286	-28°828	-5	...	...	...	35°210	-1°623	-5	...	...	*	20°963	-20°865	1.00	51.1505	9.4
†	49°915	+58°574	1.20	49.1652	9.2	*	35°116	+6°931	0.95	50.1629	9.6	...	20°612	-25°827	-1	...	...
5I	-49°707	-16°252	2.00	51.1485	8.2	III ...	-34°698	-38°569	-3	...	...	I71 ...	-20°254	+44°179	-1	...	...
...	49°340	+50°402	-1	50.1618	10.2	...	34°307	-32°274	-3	...	...	*	19°841	+28°972	2.00	50.1641	8.2
*	49°047	-14°575	0.85	51.1487	10.0	...	34°123	+29°283	-5	M	...	...	19°719	+19°731	-5	...	...
...	49°026	+35°864	-1	...	...	...	34°072	+6°707	-3	...	...	...	19°672	+29°399	0.65	...	...
...	48°974	+11°520	-4	...	...	...	33°967	+40°081	-4	...	...	...	19°135	+16°631	-2	...	...
...	-48°001	+45°100	-1	50.1619	10.2	...	-33°756	+26°681	-5	...	...	*	-18°624	+26°315	1.05	50.1642	9.2
...	47°936	+45°574	-1	50.1620	10.2	...	33°608	+22°136	-4	...	...	...	17°931	-19°377	-4	...	...
...	47°552	+48°794	-5	...	...	...	33°479	+10°649	0.75	50.1630	10.1	*	17°925	+57°581	1.40	49.1679	8.6
*	47°110	+55°870	1.10	49.1654	9.6	...	33°323	+44°764	-5	M	...	...	17°209	-22°976	-4	...	...
...	47°105	+29°215	-1	...	...	*	32°899	+23°620	1.05	50.1632	9.2	*	16°557	-26°236	1.30	51.1506	9.1

MB measured from 1, 94, 172, 221, 355.
MC " " 51, 128, 200, 287, 440.

41, 43. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag		x.	y.		No.	Mag		x.	y.		No.	Mag
181-240						241-300						301-360					
18I	-16'392	+32'204	-3	...	...	24I	+5'533	+29'719	1'15	50.1652	9'4	30I	+18'144	+49'226	1'10	50.1660	9'4
...	15'942	-26'010	-1	51.1507	10'1	...	5'562	-27'812	0'95	51.1522	10'0	...	19'297	+31'195	0'80	...	...
...	15'894	-10'326	-3	...	...	...	5'645	-47'700	-2	...	...	...	19'530	+31'209	0'85	50.1662	9'9
...	15'878	+13'195	-5	...	...	...	5'687	+21'798	-4	...	...	...	19'755	-16'596	-2	...	...
...	15'785	-12'800	-2	...	...	...	5'726	+6'703	-1	...	...	...	19'831	-53'382	-5	...	...
...	-15'140	+49'901	-3	...	...	...	+5'919	-9'238	-5	...	...	†	+19'923	-46'455	-1	...	...
...	15'099	-10'915	-5	...	...	...	6'287	+11'642	-4	...	...	...	20'090	-32'328	-4	...	...
*	14'860	+33'496	0'95	50.1643	9'6	*	6'819	-57'088	0'95	51.1523	9'9	...	20'460	-24'887	-3	...	...
...	14'796	+56'125	-5	...	...	...	6'850	-21'572	-1	...	...	†	20'512	-9'818	0'90	51.1534	10'2
*	14'484	+28'111	0'80	50.1644	10'0	...	6'863	-28'497	-5	...	...	...	21'045	+22'166	-5	...	...
19I	-14'404	+45'078	1'20	50.1645	8'9	25I	+7'200	+23'910	1'00	50.1653	9'6	31I	+21'060	+27'547	-3	...	...
+	14'135	+35'397	-4	...	...	...	7'266	+38'825	-4	...	...	...	21'188	-15'090	-5	...	...
S *	13'886	-18'896	1'80	51.1508	8'5	...	7'292	+45'965	-2	...	...	...	21'240	+41'390	-3	...	...
...	13'791	-8'282	0'70	51.1509	10'2	...	8'234	+49'641	-3	...	...	...	21'305	-10'807	0'75	51.1535	10'2
...	13'717	-8'756	-4	...	...	...	8'562	-22'404	0'65	...	...	...	21'614	+26'264	1'10	50.1663	9'4
...	-13'607	-46'428	-3	...	...	...	+8'758	-39'355	-4	...	...	...	+21'623	-39'649	0'75	...	...
...	12'840	+17'421	-3	...	...	*	8'915	+37'915	1'70	50.1654	8'6	...	22'039	-35'583	-5	...	...
...	11'249	-18'165	-4	...	...	*	9'372	+13'915	0'85	...	...	S *	22'763	+59'857	1'60	49.1722	8'5
...	11'134	+2'248	-3	...	...	...	9'636	+49'842	-5	...	...	...	22'827	+30'332	-3	...	...
*	9'701	-3'154	1'30	50.1646	9'0	...	9'723	-11'569	0'75	51.1524	10'2	S *	22'910	-28'546	1'70	51.1536	8'3
20I	-7'595	-55'098	1'40	51.1511	8'7	26I	+9'855	-24'936	1'00	51.1525	9'6	32I	+22'970	-47'041	-4	...	...
*	7'579	+29'243	-1	...	...	...	10'076	-5'588	-3	...	...	...	23'319	+28'574	-2	...	...
*	6'616	+22'121	1'60	50.1647	8'6	*	10'127	-48'635	1'90	51.1526	8'1	...	23'438	+23'202	-3	...	...
...	6'413	-13'034	-2	...	...	...	10'401	-43'713	-2	...	...	...	23'519	+40'587	0'80	50.1664	10'2
...	6'010	-33'269	-5	p	...	...	10'784	-29'632	-3	...	...	†	23'994	-19'741	1'30	51.1537	8'9
...	-5'711	-13'201	-5	...	...	...	+11'267	+0'800	-5	m	...	...	+24'038	+38'998	-3	...	...
...	4'341	+59'271	-5	...	...	*	11'494	-42'350	0'95	51.1527	9'8	...	24'045	-28'222	-2	...	...
*	4'267	-51'365	1'10	51.1512	9'6	...	11'552	+10'229	-4	...	...	*	24'158	-53'569	0'90	51.1538	10'0
...	3'592	-40'097	0'85	...	...	...	11'562	+52'354	-5	...	...	...	24'654	-14'372	-4	...	...
*	3'589	-43'820	1'30	51.1513	9'3	...	11'669	-1'018	-3	...	...	...	24'722	-31'625	-4	...	...
21I	-3'452	+1'891	-3	...	...	27I	+11'785	+32'443	1'40	50.1655	8'7	33I	+25'074	+55'473	-5	...	...
...	2'928	-15'008	-4	...	...	*	11'899	-14'264	1'20	51.1528	9'0	...	25'183	+55'682	-3	...	...
...	2'502	+33'126	-3	...	...	...	12'195	+35'460	-2	...	...	...	25'510	+56'190	-5	...	...
*	2'286	-10'861	0'90	51.1514	10'0	...	12'306	+35'498	-4	...	...	...	25'532	-24'633	-2	...	...
...	2'080	+15'906	-5	m	...	...	12'568	-52'082	0'75	51.1529	10'0	...	25'598	+37'633	-5	m	...
+	-2'073	-9'840	0'90	51.1515	9'9	...	+12'655	-23'507	-5	...	...	*	+25'907	-58'651	1'80	51.1539	8'6
+	1'841	+7'986	1'40	50.1648	8'9	...	12'764	+26'636	-2	...	...	...	25'993	+53'934	-4	...	...
+	1'752	-49'734	0'90	51.1516	9'9	*	12'905	-22'140	1'30	51.1530	9'0	...	26'424	+37'781	-5	m	...
...	0'348	-22'100	-3	...	...	*	12'965	+3'520	0'80	50.1656	9'9	...	27'042	+55'440	-5	...	...
...	-0'131	-17'106	-4	...	...	...	13'079	+38'999	-2	...	...	*	27'091	+49'875	1'00	50.1665	10'0
22I	+0'135	-32'565	0'95	51.1517	9'6	28I	+13'246	-55'362	-5	...	...	34I	+27'165	+56'205	-3	...	...
*	0'266	-54'003	1'05	51.1519	9'7	*	13'384	-22'888	0'85	51.1531	10'0	...	27'256	-26'605	-4	...	...
...	0'273	-36'010	0'70	51.1518	10'1	...	13'558	+7'909	-2	...	...	...	27'282	-27'636	-4	...	...
...	0'824	+44'653	-3	...	...	...	14'158	-14'104	-3	...	...	...	27'401	+43'251	-4	...	...
...	0'909	-58'106	-5	p	...	...	14'391	+15'048	3'20	50.1657	6'7	S *	27'413	+22'512	3'70	50.1666	6'1
...	+0'983	+11'986	-2	...	...	...	+14'450	+7'160	-2	...	...	...	+28'018	+4'991	-4	...	...
...	1'243	+13'329	-5	...	...	...	15'197	-0'579	-4	...	...	...	28'159	-19'031	-4	...	...
*	1'376	+57'942	0'95	49.1698	9'8	...	15'320	-11'815	-4	...	...	...	28'432	-29'217	-4	...	...
...	1'925	+45'715	0'75	50.1649	10'2	...	15'383	+4'783	-3	...	...	...	28'441	+49'307	-2	50.1667	10'2
*	2'044	+47'727	0'85	50.1650	9'9	...	15'929	+2'358	-5	m	...	...	28'581	+23'760	-3	...	...
23I	+2'298	+21'673	0'95	50.1651	9'8	29I	+16'163	+58'116	1'30	49.1711	9'3	35I	+28'813	-42'827	-4	...	...
...	2'878	+52'097	-1	...	...	...	16'657	+13'398	-3	...	...	...	29'011	-12'936	-4	...	...
...	3'168	+55'685	-3	...	...	...	17'045	+50'197	-3	...	...	*	29'288	+14'546	1'30	50.1668	9'2
...	3'255	-12'525	0'70	51.1520	10'2	*	17'125	+51'564	1'00	50.1658	9'6	...	29'599	+18'256	-3	...	...
...	3'801	+33'207	-5	m	...	*	17'419	+40'810	1'50	50.1659	8'8	...	30'072	-57'836	-2	...	...
*	+4'802	-12'650	0'95	51.1521	10'0	...	+17'432	-30'880	-4	...	...	...	+30'108	-21'396	-2	...	...
...	5'174	+0'613	-3	...	...	*	17'482	-10'655	1'30	51.1533	8'9	*	30'774	-36'109	1'60	51.1540	8'5
...	5'308	+41'319	0'70	...	...	...	17'630	+0'371	-4	...	...	*	31'151	-59'352	1'60	51.1541	8'6
...	5'311	-52'567	-4	...	...	...	17'633	+31'096	-5	m	...	...	31'400	+50'607	-5	m	...
...	5'381	-12'440	0'65	...	...	*	18'078	+36'724	1'00	50.1661	9'4	*	31'544	+7'704	1'20	50.1671	9'3

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	δ .		No.	Mag.
361-420					
36I	+31°63I	-59°629	-I	5I.I542	9.9
†	31°63I	+51°037	0.90	50.I669	10.0
...	31°860	+12°336	-5	...	...
*	31°892	+36°408	0.95	50.I670	9.6
...	32°563	-0°649	0.70	...	...
...	+32°677	-30°86I	0.70	5I.I543	10.2
...	32°717	+33°21I	-I	...	...
S *	32°752	-52°416	1.70	5I.I544	8.6
...	32°92I	+46°018	-I	...	...
...	33°207	+34°208	-4	...	...
37I	+33°269	+6°877	0.90	50.I672	9.9
*	33°343	+46°398	-5	...	...
...	33°633	-8°238	-4	...	...
...	33°968	-33°890	-I	5I.I545	10.2
...	33°978	-59°236	-4	...	...
...	+34°277	+21°863	0.70	50.I673	10.2
...	34°467	-16°630	-4	...	...
*	34°626	+32°828	0.95	50.I674	9.8
†	34°833	+34°760	-3	...	...
...	35°237	-22°845	-5	...	...
38I	+35°356	-41°084	-5	...	...
...	35°480	+53°272	-4	...	...
...	35°482	+24°046	-2	...	...
...	35°552	-7°676	-4	...	...
...	35°59I	-3°497	-5	...	...
...	+35°656	+49°070	-4	...	...
...	35°738	+31°497	0.65	...	...
...	35°818	-1°904	-4	...	...
...	35°915	+44°378	-5	...	...
...	36°27I	+49°294	-I	...	...
39I	+36°283	+34°38I	-4	...	...
...	36°660	+9°076	-3	...	...
...	36°777	+39°228	-I	...	...
...	36°844	+40°173	-5	...	...
...	36°910	+50°283	-2	...	...
...	+36°97I	-31°443	-5	...	...
...	37°032	+38°286	-5	...	...
...	37°229	-8°904	-4	...	...
*	37°25I	-54°48I	1.10	5I.I546	9.4
...	37°415	+15°02I	-2	...	...
40I	+38°034	+57°268	-I	...	...
...	38°367	+17°298	1.00	50.I676	9.6
*	38°727	+32°485	1.20	50.I675	9.1
...	38°916	-4°68I	-2	...	...
...	38°983	+25°54I	-3	...	...
...	+39°282	+46°108	-5	m	...
...	39°297	+37°877	-4	...	...
*	39°699	-8°884	1.15	5I.I547	9.2
†	39°795	+37°186	-5	...	...
*	40°373	-43°550	1.40	5I.I548	8.9
41I	+40°418	-8°42I	-5	...	...
...	40°427	+39°946	-2	...	...
...	40°500	-8°986	-4	...	...
...	40°57I	-0°986	-4	...	...
...	40°998	+15°473	-5	...	...
...	+41°259	-11°479	-4	...	...
...	41°288	+50°814	-4	...	...
...	41°39I	+3°85I	0.70	50.I678	10.2
†	41°447	+20°050	1.40	50.I677	8.7
...	41°722	+0°942	-2	...	...
421-480					
42I	+41°757	+4°993	1.20	50.I680	8.8
*	41°946	-3°652	-3	...	...
*	41°965	-8°632	1.05	5I.I549	9.4
...	42°214	+38°576	-2	...	...
...	42°302	-7°842	-4	...	...
...	+42°342	+51°197	-I	50.I679	10.2
...	42°350	-34°937	-5	...	...
...	42°572	+43°09I	-4	...	...
...	42°79I	+10°946	-I	...	...
...	42°988	-37°880	-5	...	...
43I	+43°075	+0°786	-I	...	...
...	43°442	+53°905	-5	...	...
...	43°923	+46°057	0.80	50.I681	10.0
*	43°944	+33°078	0.85	50.I682	10.1
*	44°159	-17°680	1.10	5I.I550	9.4
...	+44°258	+28°983	0.85	50.I683	10.2
...	44°389	+1°338	-2	...	...
...	44°518	+1°939	0.65	...	...
...	44°716	+32°348	-5	...	...
†	44°837	-37°149	-5	...	...
44I	+44°894	+4°294	-3	...	...
...	45°123	+44°032	-4	...	...
...	45°253	+14°477	-3	...	...
...	45°330	-25°072	-5	...	...
...	45°599	-27°380	-5	...	...
...	+45°636	+8°22I	-2	...	...
...	45°903	+34°866	-5	m	...
...	46°499	+19°420	0.80	...	...
...	46°518	+59°192	-2	49.I746	10.2
...	46°617	-0°493	-5	...	...
45I	+46°763	+2°00I	1.00	50.I685	9.8
*	46°78I	-15°277	-4	...	...
...	46°825	-24°075	0.90	5I.I551	10.2
*	46°87I	+49°777	1.00	50.I684	9.7
*	46°898	-41°346	-I	...	...
...	+47°153	-44°579	1.10	5I.I552	9.4
...	47°236	+28°04I	-4	...	...
...	47°265	-40°889	-2	...	...
...	47°272	+5°534	-2	...	...
...	47°432	+56°998	-I	49.I749	10.0
46I	+47°437	-36°787	0.95	5I.I553	9.8
*	47°448	+13°128	1.00	50.I686	9.9
...	47°60I	+55°804	-4	...	...
...	47°618	+10°504	-3	...	...
...	47°673	-29°498	-4	...	...
...	+47°794	+17°618	-5	...	...
...	47°930	+39°037	-2	...	...
...	48°14I	-14°988	-3	...	...
...	48°249	+14°78I	-5	...	...
...	48°350	+10°495	-4	...	...
47I	+48°43I	-49°149	-5	...	...
...	48°732	-34°829	-3	...	...
*	48°800	+31°767	0.90	50.I687	10.2
...	48°827	+17°014	-3	...	...
...	48°845	+11°066	0.80	50.I689	10.2
†	+48°90I	+25°12I	-5	...	...
...	48°940	+11°025	-5	...	...
...	49°068	-15°794	-4	...	...
...	49°203	+11°022	-4	...	...
*	49°21I	+34°208	0.90	50.I688	10.1
481-533					
48I	+49°28I	-8°67I	-3	...	...
...	49°686	-35°536	0.95	5I.I554	10.0
...	50°127	-16°506	-I	...	...
...	50°697	+52°447	0.90	50.I690	9.7
S *	50°72I	+50°175	2.20	50.I69I	8.1
*	+50°908	+12°355	1.40	50.I692	8.6
...	51°000	+12°533	0.85	...	...
...	51°052	-4°624	-I	...	...
*	51°133	-14°87I	1.10	5I.I555	9.2
e *	51°67I	-51°412	1.20	5I.I557	9.6
49I	+51°849	+16°107	-5	...	...
*	51°879	-32°620	1.20	5I.I556	9.3
...	52°069	+24°162	-5	...	...
...	52°098	-15°416	-4	...	...
...	52°112	+24°495	-5	m	...
...	+52°182	-20°614	-4	...	...
...	52°204	-43°205	-4	e	...
...	52°238	+23°039	-4	...	...
*	52°475	+26°665	1.00	50.I693	9.6
...	52°834	-46°957	-2	e	...
50I	+52°979	-7°972	-3	...	...
e *	53°507	-6°71I	1.30	5I.I558	9.2
...	53°712	+57°54I	-3	...	...
*	53°777	+25°576	1.15	50.I694	9.3
...	53°78I	-47°280	-5	...	...
*	+54°276	+21°897	1.10	50.I695	9.2
S *	54°370	+4°172	1.70	50.I696	8.4
e	54°550	-55°338	-3	5I.I560	10.2
e	54°697	-31°640	0.90	5I.I559	10.1
...	54°702	-44°070	-5	...	...
51I	+54°768	+25°229	-I	...	...
†	54°817	+14°993	-3	...	...
...	54°990	+10°425	-5	...	...
...	55°090	-31°379	-4	e	...
e *	55°159	-49°149	1.80	5I.I561	8.5
...	+55°245	+38°457	-5	m	...
†	55°619	+5°129	-4	...	...
Se *	55°829	-21°508	1.30	5I.I562	8.9
...	56°059	+6°564	-2	...	...
e *	56°643	-14°354	1.60	5I.I564	8.8
52I	+57°10I	-16°130	-3	e	...
...	57°980	-23°514	-2	e	...
...	58°013	+42°343	-4	...	...
...	58°086	+11°306	-4	...	...
...	58°369	+58°695	-5	...	...
...	+58°515	-19°208	-3	e	...
e *	58°519	-4°704	1.20	50.I699	9.4
e *	58°896	-58°27I	2.40	5I.I565	8.0
...	58°898	+45°52I	-I	50.I697	10.0
*	58°952	+2°249	1.00	50.I700	9.8
53I	+59°19I	-7°576	-5	e	...
*	59°199	+29°88I	1.10	50.I698	9.7
...	59°505	-34°517	-2	e	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-59.901	+21.776	I.20	50.1695	9.2	61	-47.630	-25.247	-1	...	...	I21	-39.054	-32.011	-4	...	...
+	59.552	+25.134	-1	...	...	...	47.388	-34.245	-3	...	...	...	38.469	+58.714	-5	...	...
E *	59.544	-51.575	I.20	51.1557	9.6	...	46.975	-35.974	-3	...	...	...	38.420	-40.801	-3	...	...
E *	59.524	-6.834	I.20	51.1558	9.2	...	46.567	-14.559	-3	...	...	...	38.260	+25.352	-5	M	...
...	59.355	-43.356	-4	E	...	*	46.464	-38.970	I.00	51.1567	9.6	...	38.249	+20.522	-2	...	...
S *	-59.098	+4.072	I.90	50.1696	8.4	...	-46.441	+19.577	-2	...	...	...	-38.249	+0.629	-5	...	...
...	59.095	+14.897	-3	...	...	...	46.406	-32.618	-1	51.1568	10.2	...	38.240	-42.173	-5	...	...
...	58.740	+10.347	-4	...	...	...	46.388	-37.793	-3	...	...	...	38.226	+0.224	-1	...	...
...	58.567	-47.073	-3	E	...	...	46.206	+35.848	-2	...	...	...	37.944	+3.290	0.65	...	...
†	57.898	+5.079	-4	...	...	...	46.056	-1.513	-3	...	...	...	37.630	+11.315	-5	...	...
II	-57.514	+6.533	-3	...	...	71	-46.011	+7.697	-3	...	...	I31	-37.605	+1.470	0.85	50.1719	10.0
...	57.334	-31.697	0.85	51.1559	10.1	...	45.957	-17.724	-5	...	...	...	37.532	-4.279	-5	...	...
...	57.325	+58.706	-4	...	...	...	45.913	+45.228	-4	...	...	...	37.464	-28.893	-5	...	...
...	57.008	+42.365	-4	...	...	...	45.824	-28.386	-2	...	...	...	37.433	+37.616	-4	...	...
...	56.965	-31.427	-5	E	...	...	45.784	-32.785	-3	...	...	...	37.365	+20.457	-1	...	...
...	-56.624	-19.245	-5	...	...	...	-45.723	+21.760	-4	...	...	*	-37.317	+52.119	0.90	50.1720	9.8
SE *	56.619	-21.532	I.20	51.1562	8.9	*	45.708	-34.604	I.30	51.1569	8.9	...	37.272	+51.930	-5	M	...
E	56.515	-55.384	-3	51.1560	10.2	...	45.665	+29.679	-2	...	...	...	37.213	-55.657	-5	...	...
...	56.256	+45.557	0.90	50.1697	10.0	*	45.529	-0.708	0.95	50.1708	9.7	...	36.790	-23.080	-5	...	...
E *	56.150	-49.167	I.90	51.1561	8.5	...	45.147	-18.286	-5	p	...	...	36.583	-35.869	-2	...	...
2I	-56.090	-14.336	I.60	51.1564	8.8	81	-44.929	+39.001	-4	...	...	I41	-36.524	+26.652	-2	...	...
E *	55.686	+11.352	-4	...	...	...	44.921	+35.305	-1	50.1710	10.2	*	36.491	+53.390	0.95	50.1723	9.7
...	55.551	-16.093	-3	E	...	*	44.774	-35.527	2.80	51.1570	7.5	*	36.481	+42.868	I.40	50.1722	8.9
+	55.334	+29.941	I.00	50.1698	9.7	*	44.769	+8.131	I.05	50.1709	9.6	...	36.461	+20.637	-5	...	...
...	55.329	+52.288	-2	50.1701	10.2	...	44.477	+47.757	-5	M	...	...	36.399	-2.069	0.80	50.1721	10.2
...	-55.112	+46.254	-4	...	...	...	-44.443	+55.115	-3	...	...	...	-36.034	-0.964	-2	...	...
E *	54.605	-4.622	I.00	50.1699	9.4	...	44.132	+27.314	-3	...	...	...	36.003	+12.412	-3	...	...
*	54.454	+2.345	I.00	50.1700	9.8	...	44.125	-30.653	-4	...	...	...	35.715	+29.314	-5	...	...
...	54.376	-23.440	-1	E	...	...	44.122	-1.556	-5	...	...	...	35.174	+37.193	0.80	...	...
...	54.223	+32.997	-2	...	...	*	43.970	-11.364	I.20	51.1571	9.2	...	34.959	+1.813	-3	...	...
3I	-54.022	-19.122	-4	E	...	91	-43.597	+14.628	-5	...	...	I51	-34.851	-4.078	0.70	...	...
†	53.994	+15.056	-3	...	...	*	43.592	+43.018	I.40	50.1711	8.8	...	34.838	-35.011	-3	...	...
...	53.814	-7.460	-4	E	...	...	43.474	+17.388	-4	...	...	...	34.449	+4.890	-5	...	...
...	53.592	+46.137	-3	...	...	...	43.147	-48.016	-5	...	...	...	34.079	+48.735	-5	...	...
...	53.441	+28.252	0.90	50.1702	10.1	*	43.018	-44.915	0.90	51.1572	9.8	...	33.995	+21.516	0.65	...	...
...	-53.436	-15.650	-5	p	...	...	-42.556	-53.899	-5	...	...	...	-33.673	-5.526	-4	...	...
...	52.700	+35.686	-4	...	...	...	42.525	+46.735	-4	...	...	...	33.531	+19.811	-5	M	...
...	52.418	-34.358	-1	E	...	*	42.083	+20.201	I.60	50.1712	8.5	*	33.506	-56.065	0.95	51.1577	10.0
...	52.340	+23.715	-5	...	...	...	41.982	+12.654	-5	...	...	...	33.394	-47.955	-2	...	...
...	52.105	+38.567	-4	...	...	*	41.825	-1.747	0.90	50.1713	10.0	*	33.370	+1.570	0.80	50.1724	10.2
4I	-52.049	-58.126	3.20	51.1565	8.0	101	-41.745	-50.725	I.00	51.1573	9.8	I61	-33.078	+20.793	-5	...	...
E *	51.424	+35.113	-4	...	...	...	41.706	+28.382	-5	...	...	...	33.005	+44.751	-4	...	...
...	51.326	+0.702	-4	...	...	...	41.641	-19.198	-5	p	...	...	32.982	+57.502	-4	...	...
...	51.186	+45.671	-1	50.1704	10.2	*	41.551	-18.833	I.05	51.1574	9.4	...	32.791	+29.427	-4	...	...
*	50.930	-1.278	0.90	50.1703	10.1	...	41.523	-11.118	-5	p	...	...	32.443	+18.228	0.70	...	...
...	-50.617	-2.944	-5	p	...	...	-40.830	+22.571	-3	...	...	...	-32.395	+39.141	-5	M	...
...	50.505	+25.885	-4	...	...	*	40.733	+21.875	I.00	50.1714	9.6	...	32.216	+56.221	-2	...	...
...	50.278	+44.273	-3	...	...	...	40.621	-52.252	-4	...	...	...	32.119	+46.148	-4	...	...
*	49.907	+39.196	I.00	50.1705	9.6	*	40.529	+13.341	I.30	50.1715	8.9	...	32.108	-36.292	-4	...	...
†	49.229	+19.956	-1	...	...	*	40.469	+18.806	I.60	50.1717	8.4	...	32.010	+12.012	-3	...	...
5I	-49.216	+11.579	-4	...	...	III	-40.460	+25.947	-4	...	...	I71	-31.679	+31.179	-5	M	...
...	48.678	+15.328	0.80	50.1706	10.2	*	40.366	+14.478	I.00	50.1716	9.6	...	31.593	+38.122	-3	...	...
...	48.429	+9.501	-4	...	...	...	40.320	+58.938	-5	...	...	*	31.520	-49.887	I.00	51.1578	9.8
...	48.285	-11.547	-3	...	...	...	40.109	+23.752	-2	...	...	*	31.161	+45.821	I.10	50.1726	9.4
...	48.236	-21.470	-4	...	...	†	40.095	+57.502	-3	...	...	*	31.159	+32.970	0.90	50.1725	10.1
...	-47.962	-31.121	-2	51.1566	10.2	...	-39.832	+41.863	0.80	50.1718	10.1	...	-30.840	+9.863	-5	M	...
...	47.901	-0.883	-5	...	...	...	39.544	-1.458	-2	...	...	...	30.742	-13.771	-5	...	...
*	47.757	-1.071	I.05	50.1707	9.4	*	39.380	-35.718	I.15	51.1575	9.6	*	30.731	-23.608	0.80	51.1579	10.0
...	47.690	-31.709	-3	...	...	...	39.234	+8.497	0.65	...	...	*	30.728	+30.636	0.90	50.1727	10.0
...	47.635	+7.350	-3	...	...	...	39.113	+47.862	-5	...	...	...	30.422	-1.454	-5	...	...

MC measured from 1, 182, 402, 627.

MB " " 81, 300, 523, 764.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
181-240						241-300						301-360					
18I	-30°397	+49°982	1·20	50.1728	8·9	24I	-22°431	-4°918	0·90	50.1737	10·1	30I	-14°768	+26°039	-5	°	...
†	29°714	+40°338	-3	...	...	†	22°408	+48°786	-2	...	...	...	14°730	+57°312	-5	...	...
...	29°711	-54°190	-5	...	...	...	22°406	-8°723	-2	...	...	S *	14°625	-50°903	1·70	51.1591	8·4
...	29°696	-35°332	-3	...	...	...	22°366	+14°963	-4	A	...	...	14°533	+12°801	-5	...	...
...	29°560	+41°882	-5	...	...	*	22°308	+18°817	1·00	50.1738	9·6	*	14°452	+35°738	1·10	50.1744	9·4
...	-29°391	+55°043	-4	...	...	...	-22°138	+0°786	-4	B	...	...	-14°410	+58°913	-5	...	...
*	29°287	+32°793	1·40	50.1730	8·9	...	22°019	-23°422	-3	...	...	...	14°338	-51°125	0·95	51.1592	10·0
...	29°218	-12°930	-3	...	...	*	21°977	-31°830	1·20	51.1585	9·2	*	14°125	-10°104	0·80	51.1593	10·0
*	29°157	+9°622	0·95	50.1729	10·1	...	21°829	+13°482	-3	...	...	...	14°061	+30°318	-1	...	...
...	29°010	-16°505	-4	...	...	...	21°365	-40°730	-4	...	...	...	13°921	-41°473	-4	...	...
19I	-28°150	+40°100	-3	...	...	25I	-20°986	-47°217	-1	...	...	31I	-13°635	-58°013	-2	...	...
...	28°097	+10°711	-2	...	...	...	20°986	-18°328	-5	p	...	...	13°589	-7°960	-2	...	...
*	28°036	+5°918	1·00	50.1731	9·6	...	20°985	-17°143	-5	p	...	*	13°515	-19°054	1·05	51.1594	9·6
...	27°951	+30°816	-4	...	...	...	20°835	+39°528	-2	...	...	...	13°418	+32°394	-4	...	...
*	27°911	-24°442	1·00	51.1580	9·6	...	20°596	+29°696	-3	...	...	...	13°263	-3°186	0·70	...	...
...	-27°789	+48°480	-3	...	...	...	-20°421	-43°857	-4	...	...	*	-13°175	-38°578	2·20	51.1595	7·9
...	27°614	+40°310	-5	M	...	*	20°380	+42°097	1·00	50.1739	9·6	...	12°811	-8°829	-3	...	...
...	27°431	+14°176	-4	...	...	*	20°318	-59°063	1·20	51.1586	9·4	...	12°738	-8°768	-5	p	...
*	27°416	-18°851	1·00	51.1581	9·4	...	20°163	-51°651	-4	...	...	*	12°691	+37°638	1·00	50.1745	9·6
...	27°370	-49°184	-4	...	...	†	20°116	-29°523	1·10	51.1587	9·2	...	12°610	+22°384	-4	...	...
20I	-27°258	-6°081	-2	...	...	26I	-19°959	-7°767	-5	p	...	32I	-12°549	+43°748	0·70	50.1746	10·2
...	27°021	+24°977	-3	...	...	...	19°938	+15°826	-5	M	...	...	12°481	+10°931	-5	...	...
...	26°994	+17°789	0·80	50.1732	10·2	...	19°879	+7°170	-4	...	...	...	12°448	+58°896	-1	...	...
...	26°952	-55°195	-4	...	...	...	19°855	+55°013	-2	...	...	...	12°103	-52°007	0·70	51.1597	10·2
...	26°818	-7°129	-5	...	...	...	19°780	-3°458	-4	...	...	...	12°047	-14°554	-3	...	...
...	-26°520	-31°138	-2	...	...	S *	-19°774	-18°501	1·50	51.1588	8·6	*	-12°044	+38°924	1·00	50.1747	9·8
...	26°441	+27°239	-5	...	...	*	19°404	-27°625	1·00	51.1589	9·8	...	11°929	+31°533	-4	...	...
...	26°199	-10°006	-2	...	...	...	18°911	-53°670	-5	...	...	...	11°875	+48°101	-5	...	...
...	26°164	-34°057	-2	...	...	...	18°823	-45°138	-4	...	...	...	11°831	-30°338	-1	...	...
...	26°011	-55°108	-3	...	...	...	18°738	-9°040	-5	p	...	S *	11°719	+42°540	2·60	50.1748	7·9
21I	-25°811	-19°729	-4	...	...	27I	-18°637	+28°851	-4	...	...	33I	-11°547	-7°515	-4	...	...
...	25°454	-21°015	0·80	51.1582	10·2	...	18°538	+38°807	-4	...	...	...	11°356	+27°948	0·80	50.1749	10·2
...	25°178	+7°809	0·75	...	...	...	18°483	-27°502	-4	...	...	...	10°969	+9°680	-5	...	...
...	25°015	-36°591	-1	...	...	...	18°439	+3°725	-3	...	...	...	10°875	+26°183	0·80	...	...
...	24°933	+45°753	-5	M	...	...	18°299	+52°523	-5	...	...	...	10°452	+43°222	-4	A	...
...	-24°703	+34°701	-5	M	...	...	-18°284	-19°599	-4	...	...	...	-10°450	-18°015	-4	...	...
...	24°548	+17°466	-4	...	...	...	17°958	-59°552	-5	...	...	...	10°351	+6°988	-5	M	...
...	24°513	+58°717	-1	49.1788	10·2	...	17°916	+44°571	-4	...	...	...	9°767	+51°606	-5	...	...
...	24°364	-34°130	-3	...	...	...	17°882	-45°220	-2	...	...	...	9°498	+27°866	0·75	50.1750	10·2
...	24°354	-33°454	-5	...	...	...	17°882	-10°559	-3	...	...	...	9°357	-55°763	-3	...	...
22I	-24°210	-48°214	0·95	51.1583	10·0	28I	-17°716	+51°001	-5	...	...	34I	-9°339	+52°355	1·40	50.1751	8·7
...	24°125	+45°160	-4	...	...	...	17°427	+51°794	-5	...	...	...	9°116	-50°635	-5	...	...
...	24°100	-9°192	-5	p	...	...	17°264	-52°286	-4	...	...	*	9°083	-14°112	1·05	51.1598	9·6
...	23°974	+37°080	-1	...	...	...	17°186	+23°535	0·80	...	...	...	8°947	+14°134	-5	...	...
...	23°936	-20°273	-5	p	...	*	17°178	+10°703	1·00	50.1740	9·8	...	8°940	+2°386	-3	...	...
*	-23°859	-29°166	1·60	51.1584	8·9	*	-16°905	+46°656	0·95	50.1742	9·9	...	-8°928	-25°700	-5	...	...
...	23°780	-43°393	-5	p	...	S *	16°853	+15°873	1·20	50.1741	8·9	...	8°652	+29°710	-5	...	...
*	23°769	-1°012	1·10	50.1733	9·3	...	16°830	-37°109	-5	...	...	*	8°581	+50°281	0·90	50.1752	9·9
...	23°761	-35°237	-3	...	...	...	16°818	-38°894	-5	...	...	...	8°466	+44°778	0·95	50.1753	9·8
*	23°504	-3°702	0·90	50.1734	10·1	...	16°793	-10°857	-4	...	...	...	8°411	+35°650	0·75	50.1754	10·2
23I	-23°452	-0°923	-5	p	...	29I	-16°785	-55°646	-4	...	...	35I	-8°265	+4°271	-3	...	...
...	23°433	+10°286	-2	...	...	...	16°614	-8°130	-3	...	...	*	8°234	+38°762	0·90	50.1755	9·9
*	23°419	+14°407	1·00	50.1735	9·6	...	16°301	+34°170	-5	...	...	*	8°221	+54°346	1·15	50.1756	9·2
...	23°300	+28°800	-3	...	...	*	15°987	+46°759	0·95	50.1743	9·8	...	8°097	+29°118	-4	...	...
...	23°035	-1°992	-4	...	...	...	15°939	-45°383	-2	...	...	...	8°002	+5°219	-3	...	...
*	-22°819	+37°271	1·15	50.1736	9·2	...	-15°526	+11°505	0·75	...	...	...	-7°766	-23°215	-4	...	...
...	22°781	+26°317	-5	...	...	...	15°523	+11°363	-4	...	...	...	7°739	+26°057	-4	...	...
...	22°739	-44°126	-4	...	...	*	15°523	-36°523	1·00	51.1590	10·0	...	7°342	+44°585	-5	...	...
...	22°726	+16°367	-3	...	...	...	15°515	+1°188	0·80	...	...	*	7°246	-8°958	1·00	51.1600	9·7
...	22°450	+19°819	-4	A	...	†	15°078	-49°612	-5	p	...	...	7°167	+17°421	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-420						421-480						481-540					
36I	-6.8II	-33.634	-5	°	...	42I	+2.8I0	+13.335	I.00	50.I766	9.7	48I	+8.894	+19.464	-3	°	...
...	6.7I3	+41.927	-5	...	...	...	2.930	-18.06I	-4	...	...	...	8.945	-1.280	0.80	50.I782	10.2
...	6.547	-52.495	-5	...	...	...	2.988	-35.337	-5	p	...	...	9.564	-11.732	-4	...	...
...	6.48I	+31.279	-4	...	...	...	3.220	+6.724	-3	...	...	*	9.598	+45.726	0.90	50.I783	9.7
...	6.449	-26.400	-4	...	...	...	3.266	+35.687	-5	...	...	*	9.666	-35.927	I.00	51.I616	10.0
*	-6.435	-37.183	I.00	51.I60I	9.6	...	+3.309	+11.227	-5	...	...	†	+9.824	+29.61I	-2	...	...
...	6.323	-6.095	-3	...	...	...	3.379	+4.719	-4	...	...	†	9.865	-29.217	0.75	51.I618	10.2
...	5.676	-10.708	-5	...	...	...	3.474	-48.072	-3	...	...	†	9.899	-9.928	I.00	51.I617	9.4
†	5.54I	+49.942	-5	...	...	...	3.517	-12.186	-4	...	...	...	10.05I	-58.965	-5	p	...
...	5.463	+35.256	-5	...	...	*	3.726	+27.797	I.00	50.I767	9.3	...	10.142	-44.843	-2	...	...
37I	-4.996	-57.956	-5	...	...	43I	+3.867	+53.64I	-I	...	...	49I	+10.339	-35.780	-2	...	...
...	4.830	+53.526	-I	50.I757	10.2	...	3.893	+44.726	I.10	50.I768	9.6	...	10.357	-14.952	-4	...	...
...	4.724	-26.666	-5	...	...	...	3.897	-54.913	-3	...	...	*	10.368	-48.576	0.95	51.I619	9.8
...	4.717	-4.977	-5	...	...	...	4.072	+36.756	I.40	50.I769	8.9	...	10.442	+40.636	-3	...	...
...	4.143	-40.839	-4	...	...	...	4.409	-27.448	0.75	51.I610	10.2	...	10.528	+28.438	-5	...	...
...	-3.960	+11.900	-4	...	...	...	+4.432	-47.225	-3	...	...	...	+10.716	-6.04I	-5	...	...
...	3.78I	-37.93I	0.80	51.I602	9.9	*	4.544	+37.957	I.80	50.I770	8.5	...	10.733	+59.560	-3	...	...
*	3.704	+54.377	I.05	50.I758	9.6	*	4.900	+46.332	0.90	50.I77I	9.9	...	10.750	+14.039	-5	...	...
...	3.682	+34.335	-4	...	...	...	5.007	+40.573	-4	...	...	...	10.815	-41.838	-3	...	...
...	3.616	+58.558	0.85	49.I805	9.8	...	5.069	-28.224	-5	...	...	*	10.845	+30.139	I.20	50.I784	9.2
38I	-3.533	+26.80I	I.00	50.I759	9.6	44I	+5.257	-18.076	I.10	51.I611	9.6	50I	+11.184	+30.387	I.00	50.I785	9.4
*	2.785	-16.462	-3	...	...	S*	5.37I	+18.248	I.15	50.I772	9.1	...	11.231	-53.286	-4	...	...
...	2.637	-25.094	-4	...	...	...	5.382	-47.692	-3	...	...	*	11.309	+14.202	I.00	50.I787	9.3
...	2.593	-47.522	0.90	51.I603	10.0	...	5.498	-15.899	-4	...	...	...	11.384	+1.347	-3	...	...
...	2.479	+22.323	0.65	50.I760	10.2	...	5.515	+12.765	0.90	50.I773	10.1	†	11.402	-4.880	-2	...	...
...	-2.343	-25.433	-3	...	...	*	+5.695	+41.886	0.90	50.I774	9.8	*	+11.415	+23.322	I.00	50.I786	9.4
*	2.137	-39.008	I.10	51.I604	9.4	...	5.977	+21.020	-2	...	...	*	11.492	+55.06I	I.00	49.I824	9.6
*	I.858	-50.180	0.90	51.I605	9.9	...	6.065	+8.086	-5	...	...	*	11.720	+5.522	0.90	50.I788	9.8
...	I.682	-34.918	-I	...	...	...	6.210	-2.375	-4	...	...	*	12.205	+49.144	I.20	50.I789	9.1
...	I.576	-40.94I	-5	...	...	...	6.288	-24.347	-4	...	...	...	12.538	-26.698	-5	...	...
39I	-I.477	+48.245	0.95	50.I761	9.4	45I	+6.34I	-13.290	-4	...	...	51I	+12.745	-50.638	-3	...	...
N*	I.393	-51.973	I.00	51.I607	9.7	*	6.362	+50.115	I.05	50.I775	9.3	*	13.296	+45.845	0.85	50.I790	10.2
...	I.379	-40.742	-3	...	...	...	6.713	+1.219	-5	m	...	...	13.716	-46.754	-3	...	...
...	I.248	+55.443	-I	49.I808	10.2	*	6.759	+59.618	I.10	49.I818	9.6	...	13.788	+49.734	-3	...	...
...	I.180	-21.582	-4	...	...	...	6.922	+27.818	-3	...	...	...	13.811	+14.962	-4	...	...
*	-I.054	+15.642	0.90	50.I762	10.0	...	+7.006	-58.380	-5	...	...	...	+13.819	-35.970	-4	...	...
*	0.669	+21.064	0.80	50.I763	10.0	...	7.135	+17.972	-4	...	...	...	14.075	-26.583	0.75	51.I620	10.2
...	0.639	+42.993	-3	...	...	...	7.219	-41.955	-I	...	...	*	14.246	-23.73I	I.00	51.I621	9.7
...	0.315	-42.088	-5	p	...	...	7.250	-28.836	-I	...	...	...	14.317	-43.523	-2	...	...
...	0.305	-47.365	-3	...	...	...	7.265	-32.588	-2	...	...	...	14.377	+24.12I	-4	...	...
40I	-0.277	+44.20I	0.75	50.I764	10.2	46I	+7.312	+36.926	-4	...	...	52I	+14.709	-30.93I	0.80	...	...
...	-0.107	-38.138	-3	...	...	...	7.329	+0.430	-4	β	...	...	14.723	-0.554	-4	...	...
...	+0.036	-6.460	-3	...	...	*	7.531	+23.807	I.15	50.I776	9.2	*	15.436	-40.018	0.90	51.I623	9.8
*	0.060	-16.738	I.30	51.I608	9.0	*	7.725	+21.676	I.00	50.I778	9.6	...	15.446	-4.145	-4	...	...
...	0.193	+50.75I	-2	...	...	*	7.732	+39.379	I.20	50.I777	9.2	...	15.466	+10.566	-I	...	...
...	+0.344	-46.317	-3	...	...	...	+7.752	+7.383	-4	...	...	...	+15.516	-30.699	-5	...	...
...	0.565	-3.282	-5	...	...	*	7.836	+13.243	I.00	50.I779	9.7	...	15.872	-23.440	-4	...	...
...	0.572	-14.693	-4	...	...	*	7.851	-13.156	I.20	51.I614	9.1	...	16.097	+15.830	-5	...	...
...	0.579	-37.769	-4	...	...	...	8.047	-40.505	-3	...	...	...	16.126	-0.827	-4	...	...
...	0.581	+34.237	-4	...	...	...	8.097	-16.116	-4	...	...	S*	16.188	-44.962	I.40	51.I624	8.7
41I	+0.785	+46.600	-3	...	...	47I	+8.217	-46.049	-4	...	...	53I	+16.856	+15.760	I.00	50.I791	9.4
...	I.437	-16.164	-4	...	...	...	8.228	-21.466	-2	...	...	...	16.962	-49.922	-2	...	...
...	I.519	+4.465	-3	...	...	*	8.371	+50.439	I.00	50.I780	9.3	...	16.982	-24.072	-3	...	...
*	I.540	-10.929	I.20	51.I609	9.1	...	8.444	-41.926	-5	p	...	*	17.178	-8.086	0.90	51.I625	10.0
...	I.972	+4.649	-5	...	...	...	8.447	+11.135	-4	...	...	*	17.215	+47.420	0.90	50.I792	9.8
...	+2.009	-14.618	-3	...	...	*	+8.483	+0.789	I.00	50.I781	10.0	...	+17.270	+42.692	-2	...	...
...	2.046	+14.055	-4	...	...	...	8.503	+49.616	-5	...	...	...	17.548	-53.810	-3	...	...
...	2.280	-57.650	-3	...	...	*	8.586	-10.543	I.20	51.I615	9.1	...	17.561	+48.903	-5	...	...
...	2.341	-44.246	-4	...	...	...	8.644	-51.728	-3	...	...	...	17.694	-24.150	-3	...	...
*	2.515	+45.05I	0.95	50.I765	9.8	...	8.659	-19.789	-5	...	...	...	17.699	-28.580	-3	...	...

391. Var. L = 9.3 — 10.0.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	δ .		No.	Mag.		α .	δ .		No.	Mag.		α .	δ .		No.	Mag.
541-600						601-660						661-720					
54I	+18°003	+30°716	-5	...	...	60I	+26°193	-14°455	-5	...	...	66I	+33°277	+33°548	-5	<i>m</i>	...
...	18°008	+33°236	-3	...	...	...	26°257	+17°916	-4	...	...	...	33°418	+36°623	-5	...	...
...	18°155	+30°984	-4	...	...	†	26°347	-49°723	-1	...	...	...	33°668	-27°916	-3	...	...
...	18°209	+38°330	-5	...	...	...	26°403	+43°699	-1	...	...	*	33°706	+9°360	1°30	50.1808	8.8
...	18°492	-3°619	-5	...	...	...	26°444	+20°090	-4	...	...	*	33°743	-32°841	1°00	51.1646	9.8
...	+18°619	-8°902	-4	...	...	...	+26°511	-56°252	-2	...	...	...	+33°858	-13°139	-1	...	...
...	18°752	-3°426	-4	...	...	...	26°677	+11°321	-5	...	...	...	33°914	+28°349	-4	...	...
...	18°788	+57°514	-5	...	...	...	27°074	-56°090	-5	...	...	...	33°932	+26°936	-5	...	...
...	19°041	-16°554	-4	...	...	*	27°085	+10°704	1°15	50.1797	9.3	...	34°028	+49°086	-5	<i>m</i>	...
...	19°147	-37°183	-5	...	...	...	27°110	+16°675	-5	...	...	*	34°212	+22°378	1°10	50.1809	9.2
55I	...	...	...	...	...	61I	...	...	...	...	...	67I	...	...	...	...	...
*	+19°388	+36°294	1°00	50.1793	9.6	...	+27°204	-22°942	-4	...	...	...	+34°495	-22°974	-5	...	...
...	19°391	+20°941	-2	...	...	...	27°380	+27°175	-3	...	...	...	34°633	+45°806	-4	...	...
...	19°404	+41°238	-5	...	...	...	27°698	+57°620	-5	...	...	...	34°647	-38°515	-2	51.1647	10.0
...	19°471	-10°682	-4	...	...	*	27°711	-47°702	0°85	51.1636	10.1	...	34°693	-1°923	-2	50.1810	10.0
...	19°549	+29°912	-4	...	...	...	28°188	-10°435	-3	...	...	†	34°722	-0°334	-3	...	...
*	+19°616	-36°478	1°60	51.1626	8.3	...	+28°394	-2°829	-4	...	...	...	+34°848	-37°399	-4	...	...
...	19°655	-28°549	-1	...	...	...	28°589	-29°371	-5	...	...	...	35°011	+0°797	-1	50.1811	10.0
...	19°693	+3°689	-5	...	...	...	28°851	+5°565	0°70	50.1799	10.0	...	35°101	-16°383	0°80	51.1648	9.8
...	19°720	-10°624	-3	...	...	S *	28°912	+27°867	1°60	50.1798	8.5	...	35°332	+31°745	-3	...	...
†	19°750	+59°031	0°90	49.1834	9.2	...	29°127	-14°090	-5	...	...	...	35°457	-46°118	-3	51.1649	10.0
56I	...	...	...	...	...	62I	...	...	...	...	...	68I	...	...	...	...	...
...	+20°032	-10°313	-2	...	...	...	+29°211	+10°187	-1	50.1800	10.0	*	+35°459	+10°951	1°00	50.1812	9.4
...	20°125	+7°325	-1	...	...	*	29°255	-25°184	0°80	51.1637	10.2	...	35°484	-49°901	-5	<i>p</i>	...
...	20°277	-1°578	-3	...	...	†	29°590	-4°840	0°80	50.1801	10.0	...	35°504	+14°964	-4	...	...
...	20°364	-42°865	-5	...	...	...	29°611	-8°498	-5	<i>p</i>	...	...	35°506	-9°543	-5	...	...
...	20°502	-37°177	-3	...	...	...	29°659	+13°573	-4	...	...	...	35°523	+31°465	-5	<i>m</i>	...
*	+20°585	-17°087	1°10	51.1627	9.3	...	+29°683	+37°105	-5	<i>m</i>	...	...	+35°664	-6°185	-5	...	...
*	20°947	-33°193	2°10	51.1628	8.1	†	29°790	-54°221	-2	51.1638	10.2	...	35°711	-18°629	-4	...	...
...	20°991	+50°831	-5	...	...	...	29°859	+23°268	-3	...	...	*	35°718	-31°394	0°95	51.1650	9.8
...	21°202	+49°127	-3	...	...	...	29°994	-3°191	-3	50.1803	10.0	...	35°771	-49°620	-4	...	...
...	21°293	-58°478	-4	...	...	*	30°116	-43°198	1°00	51.1639	9.9	...	36°077	-32°301	-5	<i>p</i>	...
57I	...	...	...	...	...	63I	...	...	...	...	...	69I	...	...	...	...	...
*	+21°346	-43°670	1°00	51.1630	9.8	...	+30°239	+1°894	-4	...	...	...	+36°192	+55°360	-4	...	...
N *	21°475	-9°343	1°00	51.1629	9.6	...	30°260	+35°189	0°90	50.1802	9.8	*	36°221	-56°113	1°00	51.1651	9.8
*	21°852	+47°294	0°95	50.1794	9.6	...	30°427	-8°846	-5	<i>p</i>	...	*	36°252	+7°032	1°00	50.1813	9.6
...	22°132	+47°142	-4	...	...	...	30°616	-18°801	-4	...	...	...	36°283	+8°796	-4	...	...
*	22°138	+53°572	1°10	50.1795	9.4	...	30°779	-4°604	-5	...	...	...	36°762	+27°776	-3	...	...
...	+22°585	+15°370	-3	...	...	*	+30°950	-17°905	1°05	51.1640	9.3	...	+36°845	-46°060	-4	...	...
...	22°786	-13°077	-5	<i>p</i>	...	...	30°978	-1°021	-5	<i>p</i>	...	...	36°914	-35°581	-5	<i>p</i>	...
...	23°321	+52°681	-5	...	...	...	30°996	-46°545	-3	...	...	...	37°083	+14°602	-4	...	...
*	23°446	-6°082	1°20	51.1631	9.2	...	31°033	+9°207	-4	...	...	*	37°409	-40°279	1°00	51.1653	9.8
*	23°494	-11°910	1°20	51.1632	9.2	...	31°140	-23°136	0°80	51.1641	10.0	*	37°431	-21°129	1°15	51.1652	9.3
58I	...	...	...	...	...	64I	...	...	...	...	...	70I	...	...	...	...	...
...	+23°650	+32°765	-3	...	...	...	+31°257	+48°609	-3	50.1804	10.0	†	+37°508	-24°785	-5	...	...
...	23°878	-11°126	-5	...	...	*	31°336	+47°202	1°00	50.1805	9.6	...	37°985	-34°249	-3	...	...
...	23°910	-34°961	-5	...	...	...	31°704	+57°029	-5	...	...	...	38°087	+30°425	-3	...	...
...	24°016	+45°065	-4	...	...	...	31°997	+2°793	0°75	50.1807	10.0	...	38°190	-27°154	-5	...	...
...	24°070	-37°873	0°75	51.1633	10.2	...	32°088	-51°479	-4	...	...	...	38°206	+57°880	-4	...	...
...	+24°076	-1°391	-4	...	...	...	+32°165	+22°063	-3	...	...	...	+38°256	+5°477	-3	...	...
...	24°115	+39°188	-5	...	...	*	32°201	+52°327	1°00	50.1806	9.6	*	38°273	-50°219	1°00	51.1655	9.6
...	24°118	+56°378	-5	...	...	...	32°297	-36°925	-1	51.1643	10.0	*	38°282	-11°348	0°90	51.1654	9.8
...	24°610	+7°133	-5	...	...	...	32°333	+21°523	-5	...	...	...	38°298	+19°588	-5	...	...
...	24°681	-54°157	-5	...	...	...	32°426	+2°603	-5	<i>m</i>	...	...	38°305	-25°175	-3	...	...
59I	...	...	...	...	...	65I	...	...	...	...	...	71I	...	...	...	...	...
†	+24°716	+37°327	-4	...	...	...	+32°629	-0°034	-3	<i>f</i>	...	*	+38°381	+23°885	1°40	50.1814	8.8
†	24°793	-5°388	-5	...	...	...	32°691	-14°977	0°65	51.1642	10.0	...	38°485	-40°902	0°85	51.1656	10.0
...	24°859	+26°347	-4	...	...	*	32°700	-33°987	0°90	51.1644	9.8	*	38°790	+1°442	1°50	50.1816	8.7
*	24°878	-50°026	0°90	51.1634	9.9	...	32°819	-31°023	0°85	51.1645	9.8	...	38°814	-31°484	-5	<i>p</i>	...
...	25°094	-46°796	-4	<i>p</i>	...	...	32°848	-6°344	-3	...	...	...	38°959	+0°572	-5	<i>m</i>	...
S *	+25°359	-13°941	1°80	51.1635	8.0	...	+32°910	+37°930	-5	...	...	*	+38°994	+0°511	1°00	50.1817	9.3
...	25°526	+28°477	-5	<i>m</i>	...	...	32°928	+14°920	-4	...	...	...	39°121	-27°564	-4	...	...
...	25°571	+28°708	0°65	50.1796	9.6	...	33°049	-30°434	-3	...	...	...	39°226	-46°469	-4	...	...
*	25°643	+28°489	1°00	...	...	...	33°115	-1°230	-3	...	...	...	39°296	-28°098	-3	...	...
...	25°655	-4°685	-4	...	...	*	33°227	+59°840	1°70	49.1861	8.7	*	39°378	-7°307	0°95	51.1657	9.6

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
721-780						781-840						841-856					
72I	+39°580	+3°67I	-5	...	...	78I	+48°173	+13°247	-4	...	...	84I	+56°869	-18°890	-5	e	...
...	39°614	+19°637	1°20	50.1818	9.1	...	48°30I	-24°167	-5	p	...	...	56°898	+42°675	-5	...	...
*	39°646	+49°367	1°00	50.1815	9.8	S *	48°445	+46°520	2°10	50.1826	8.4	e	57°553	-18°237	0°90	51.1679	9.8
...	39°812	+27°505	-4	...	...	...	48°596	-11°681	-1	...	...	...	57°657	-1°303	-5	e	...
*	39°883	-19°273	1°00	51.1658	9.6	...	49°152	+15°955	-2	50.1828	10°0	*	57°817	+9°095	1°05	50.1837	9.5
...	+40°027	+31°64I	-4	...	...	...	+49°240	+32°42I	-3	...	...	...	+57°823	-3°283	-4	e	...
...	40°074	+32°528	-1	50.1819	10°0	*	49°440	+15°133	1°00	50.1829	9°3	e *	58°197	-0°664	1°05	50.1838	9°6
...	40°100	+33°666	-3	...	...	†	49°677	-53°113	1°10	51.1667	9°4	...	58°232	+35°626	-5	...	...
...	40°132	-42°267	-1	51.1659	10°0	...	49°850	+52°002	-2	50.1827	10°0	...	58°43I	+59°374	-5	...	...
...	40°28I	-47°355	-3	51.1660	10°0	*	50°132	-35°373	1°05	51.1668	9°6	e	58°578	-43°346	-1	51.1680	9°8
73I	+40°367	-27°335	-4	...	...	79I	+50°383	-8°633	-1	...	...	85I	+58°775	+45°613	-5	...	...
...	40°418	+4°812	-4	...	...	...	50°416	+55°552	-4	...	...	...	58°832	+10°745	-5	...	...
...	40°437	+37°982	-4	...	...	...	50°460	+35°088	-5	...	...	*	58°888	+56°219	1°10	49.1925	9°4
...	40°453	-48°900	-2	51.1661	10°0	S *	50°470	-31°82I	1°90	51.1669	8°6	...	59°114	+16°535	-4	...	...
...	40°573	-46°729	-3	...	...	*	50°74I	-46°433	1°10	51.1670	9°6	e *	59°322	-23°989	1°10	51.1682	9°4
...	+41°107	+50°602	-5	m	...	...	+50°799	-34°288	-5	...	...	e †	+59°582	-7°259	1°15	51.1681	9°4
...	41°136	-38°25I	-5	p	...	...	51°214	+2°406	-2	...	...	...					
...	41°304	+35°889	-5	...	...	...	51°244	+3°429	-2	...	...	...					
...	41°353	+15°448	-2	50.1820	10°0	...	51°284	-7°654	-5	...	...	...					
...	41°407	+0°520	-5	m	...	...	51°400	-41°973	0°95	51.1671	9°6	...					
74I	+41°447	+9°943	-4	...	...	80I	+51°442	-29°649	-5	...	...	...					
...	41°513	+14°084	-5	m	...	*	51°863	+32°009	0°80	50.1830	9°8	...					
...	41°726	+9°920	-4	...	...	...	51°95I	-36°656	-5	p	...	...					
*	41°855	+22°800	1°00	50.1821	9°0	*	52°068	-7°362	1°20	51.1672	9°3	...					
...	42°273	+47°06I	-5	m	...	...	52°134	+49°43I	-5	m	...	...					
...	+42°286	-25°919	-3	...	...	...	+52°455	+44°587	-4	b	...	...					
...	42°288	+13°314	-1	...	...	...	52°636	+24°246	-2	...	...	...					
...	42°495	+41°114	0°90	50.1822	9°6	...	52°650	+53°202	-5	...	...	...					
...	42°590	+46°569	-4	...	...	...	52°777	+0°92I	-5	m	...	...					
...	42°690	+58°052	-3	49.1889	10°0	†	52°82I	-19°792	-3	e	...	...					
75I	+42°724	-14°572	-4	...	...	81I	+52°98I	+1°709	-5	...	...	...					
...	42°756	+9°308	-3	...	...	...	53°320	+49°605	-1	50.1831	9°8	...					
...	42°763	-9°395	-1	51.1662	10°0	...	53°37I	-10°997	-5	...	...	...					
...	42°87I	-24°959	-2	...	...	...	53°422	+9°562	-3	...	...	...					
...	42°903	+50°367	-4	...	...	...	53°447	+18°576	-2	...	...	...					
...	+43°057	-4°272	-5	...	...	e	+53°64I	-23°738	0°85	51.1673	9°8	...					
...	43°200	-1°905	-5	...	...	e *	53°763	-36°074	1°20	51.1674	9°4	...					
...	43°48I	-2°380	-4	...	...	e	53°845	-51°397	-3	51.1676	10°0	...					
...	43°522	-4°579	-4	...	...	...	53°860	-41°276	-5	p	...	...					
...	43°679	+19°67I	-3	...	...	...	53°977	+41°829	-5	m	...	...					
76I	+43°853	-36°563	-3	...	...	82I	+54°348	-5°730	0°75	50.1833	10°0	...					
*	44°302	+20°685	1°00	50.1823	9°4	e	54°349	+15°405	-2	50.1832	10°0	...					
...	44°63I	-44°083	-5	p	...	e	54°537	-7°099	0°80	51.1675	10°0	...					
†	44°773	-54°216	-5	p	...	†	54°644	-39°049	-4	e	...	...					
...	44°882	-12°419	-3	...	...	†	54°714	+23°379	-4	...	...	...					
...	+44°883	+28°685	-5	...	...	†	+54°74I	+4°386	-5	...	...	...					
*	45°033	-42°494	1°20	51.1664	9°2	...	54°85I	+59°072	1°00	49.1913	9°6	...					
...	45°062	-21°448	-3	...	...	...	55°098	-18°94I	-5	e	...	...					
*	45°197	-42°199	1°05	51.1665	9°4	...	55°385	-37°688	-5	e	...	...					
...	45°715	-35°044	-3	...	...	e	55°679	-37°54I	-1	51.1677	9°8	...					
77I	+45°744	+8°556	0°90	50.1824	9°6	83I	+55°785	-39°295	-5	e	...	...					
*	45°99I	-41°925	0°80	51.1666	9°8	...	56°08I	+56°509	0°95	49.1918	9°6	...					
...	46°014	+56°86I	-2	49.1898	10°0	*	56°155	+32°505	1°20	50.1834	9°2	...					
*	46°436	+57°237	1°10	49.1899	9°4	...	56°188	+36°184	-5	...	...	...					
...	46°522	+59°490	-5	...	...	...	56°59I	-8°57I	-2	e	...	...					
...	+46°778	+23°340	-2	...	...	*	+56°639	+22°533	0°95	50.1835	9°6	...					
...	46°987	+44°407	-3	...	...	e	56°653	-51°318	0°90	51.1678	9°6	...					
...	47°326	-32°704	-5	...	...	*	56°656	+10°84I	1°15	50.1836	9°4	...					
...	47°723	-30°12I	-3	...	...	...	56°733	-7°554	-5	e	...	...					
*	47°840	+25°597	1°00	50.1825	9°4	...	56°833	-11°319	-5	e	...	...					

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-59.708	-19.931	-4	E	...	6I	-52.720	-0.570	-5	...	...	I2I	-46.516	+45.673	-5	B	...
†	59.594	+15.305	-2	50.1832	10.0	...	52.576	+13.093	-5	...	...	*	46.500	-41.640	1.20	51.1688	9.3
...	59.558	+23.284	-3	...	...	...	52.374	+19.150	-4	...	...	...	46.460	+41.666	-5	D	...
...	59.532	+56.454	0.90	49.1918	9.6	...	52.268	-6.758	-5	...	...	...	46.455	-12.520	-3	...	...
...	58.776	+4.315	-5	...	...	*	52.241	+31.990	0.95	50.1844	9.8	...	46.132	+18.470	-3	...	...
E	-58.746	-5.827	0.75	50.1833	10.0	...	-52.039	-16.697	-4	...	...	...	-46.123	+2.183	0.80	...	...
E	58.729	-23.848	0.85	51.1673	9.8	...	51.918	+52.797	-5	...	...	*	46.044	-20.894	0.95	51.1690	9.8
...	58.593	+36.162	-4	...	...	*	51.642	+16.394	0.90	50.1845	9.6	...	45.901	+9.507	-5	...	...
E	58.506	-7.183	0.75	51.1675	10.0	...	51.510	-22.370	-3	...	...	...	45.785	-1.495	-5	...	...
*	58.476	+32.459	1.10	50.1834	9.2	*	51.381	+28.035	1.05	50.1847	9.5	...	45.744	+23.758	-5	...	...
II	...	...	...	...	...	7I	...	...	...	...	...	I3I	...	...	...	...	...
...	-58.143	+42.660	-5	...	...	*	-51.326	+11.835	1.15	50.1846	9.4	...	-45.527	+45.732	-5	...	...
...	58.124	-33.683	-5	...	...	*	51.116	+49.179	0.95	50.1848	9.6	...	45.275	-2.774	-4	...	...
E *	58.099	-36.174	1.20	51.1674	9.4	...	51.028	-21.424	-5	...	...	...	45.169	-51.408	-2	51.1691	10.0
...	57.990	+36.355	-5	B	...	...	50.881	+3.244	-3	...	...	...	45.117	+19.375	-4	...	...
*	57.597	+22.508	0.95	50.1835	9.6	...	50.659	+13.725	-4	...	...	...	45.074	+48.896	-5	D	...
...	-57.462	-18.999	-4	E	...	...	-50.549	+41.202	-5	...	...	*	-44.965	-21.938	1.20	51.1693	9.4
E	57.397	-51.487	-3	51.1676	10.0	...	50.509	+32.982	-2	...	...	†	44.899	+39.180	-5	...	...
...	57.312	+59.426	-3	...	...	...	50.419	+29.656	-5	...	...	...	44.898	-5.815	-4	...	...
*	57.122	+10.833	1.05	50.1836	9.4	...	50.194	-13.288	-5	...	...	†	44.894	-3.960	0.90	50.1855	9.8
...	57.096	-39.118	-3	E	...	*	50.032	+34.167	0.95	50.1849	9.6	...	44.771	-49.895	-4	...	...
2I	...	...	...	...	...	8I	...	...	...	...	...	I4I	...	...	...	...	...
...	-56.781	-10.943	-5	...	...	...	-49.968	-50.233	-4	...	...	...	-44.719	-5.992	-5	...	...
*	56.720	+56.276	1.10	49.1925	9.4	...	49.684	-22.403	-3	...	...	*	44.526	-57.253	1.05	51.1694	9.6
...	56.600	-15.391	-4	...	...	*	49.589	+31.941	1.00	50.1851	9.6	...	44.412	-22.101	-4	...	...
...	56.516	+35.676	-4	...	...	*	49.540	+26.368	1.10	50.1850	9.5	...	44.242	+11.410	-4	...	...
...	56.396	-37.709	-5	E	...	...	49.515	+36.406	-3	...	...	*	44.239	-27.349	1.05	51.1696	9.5
...	-56.395	+45.698	-4	...	...	...	-49.387	+32.801	-4	...	...	...	-44.122	-56.283	-4	...	...
...	56.387	-8.574	-2	E	...	*	49.367	+32.565	1.00	50.1852	9.6	...	44.103	-53.096	0.95	51.1695	9.8
...	56.299	-7.547	-5	E	...	...	49.300	+2.158	-3	...	...	...	44.079	+19.204	-4	...	...
E	56.115	-37.559	0.85	51.1677	9.8	...	49.078	+1.739	-4	...	...	*	44.057	+42.871	1.00	50.1857	9.6
...	56.036	-11.297	-5	E	...	...	48.940	+7.105	-4	...	...	...	43.928	+42.830	-5	...	...
3I	...	...	...	...	...	9I	...	...	...	...	...	I5I	...	...	...	...	...
...	-55.955	-39.319	-5	E	...	...	-48.911	+24.383	-1	...	...	...	-43.907	+20.305	0.85	50.1856	10.0
*	55.887	+9.136	1.05	50.1837	9.5	...	48.845	-41.955	-5	...	...	...	43.837	-53.250	-4	...	...
...	55.704	-18.881	-5	E	...	*	48.632	+30.633	1.20	50.1853	9.0	...	43.622	-29.617	-3	...	...
...	55.662	-39.055	-5	...	...	*	48.571	-27.403	1.20	51.1685	9.5	...	43.455	-47.067	-1	51.1697	10.0
...	55.631	-51.132	-5	...	...	...	48.550	-40.172	-3	...	...	...	43.453	+26.744	-2	...	...
...	-55.630	-1.265	-3	E	...	...	-48.536	+1.522	-5	...	...	...	-43.048	-10.917	-4	...	...
...	55.375	-3.243	-4	E	...	...	48.499	+21.148	-3	...	...	...	42.607	-36.071	0.80	51.1698	10.0
...	55.325	+3.149	-5	...	...	...	48.483	+15.873	-5	...	...	*	42.446	+13.427	1.40	50.1858	9.0
E *	55.110	-0.601	1.00	50.1838	9.6	...	48.424	+32.230	-3	...	...	...	42.423	+56.032	-5	...	...
E *	55.031	-18.189	0.80	51.1679	9.8	*	48.225	-10.568	1.00	51.1686	9.5	...	42.315	+33.268	-4	...	...
4I	...	...	...	...	...	10I	...	...	...	...	...	I6I	...	...	...	...	...
...	-54.946	+10.823	-4	...	...	...	-48.127	+50.820	-3	...	...	*	-42.133	+29.609	1.00	50.1860	9.5
...	54.921	-12.606	-5	...	...	S *	48.112	+12.843	1.25	50.1854	8.8	*	41.882	-3.047	2.00	50.1859	8.2
†	54.878	+16.623	-4	...	...	...	48.077	-4.826	-4	...	...	†	41.689	+15.032	-1	50.1861	10.0
†	54.795	+49.019	-5	A	...	...	48.010	-8.269	-2	...	...	...	41.541	-11.261	0.75	51.1699	10.0
...	54.603	+46.228	-1	50.1839	9.8	...	47.967	-4.292	-5	...	...	...	41.483	+38.624	-5	B	...
E	-54.577	-51.291	0.90	51.1678	9.6	...	-47.794	-9.129	-3	...	...	...	-41.364	+17.312	-4	...	...
*	54.369	+35.276	1.60	50.1840	8.7	...	47.743	+28.636	-5	...	...	†	41.255	-34.874	-4	...	...
...	54.288	+21.803	-5	...	...	...	47.674	+57.854	-4	...	...	...	41.208	+23.204	-5	...	...
...	54.206	+34.712	-5	...	...	...	47.661	-28.298	-3	...	...	...	41.071	+14.559	-4	...	...
...	53.709	+38.773	-5	A	...	*	47.653	-30.575	1.00	51.1687	9.6	...	40.934	-46.165	0.90	51.1700	9.4
5I	...	...	...	...	...	III	...	...	...	...	...	I7I	...	...	...	...	...
*	-53.684	+12.940	0.85	50.1841	9.6	...	-47.587	+1.126	-1	...	...	†	-40.826	+35.008	-2	...	...
...	53.489	+46.608	-5	...	...	...	47.578	-51.356	-4	...	...	*	40.412	-45.345	3.20	51.1701	7.1
E *	53.445	-7.130	1.10	51.1681	9.4	...	47.223	+18.943	-3	...	...	...	40.295	+38.211	-5	...	...
E *	53.033	+4.209	1.20	50.1842	9.1	...	47.219	-6.807	-4	...	...	...	40.260	+33.670	-3	...	...
E *	53.022	-23.865	1.05	51.1682	9.4	...	47.077	-7.175	-2	...	...	...	40.218	-1.312	-4	...	...
E	-52.995	-43.241	-1	51.1680	9.8	...	-47.032	+30.666	-4	...	...	...	-40.054	-2.085	-5	...	...
...	52.927	-7.685	-5	...	...	...	46.789	-27.704	-5	...	...	...	40.053	-57.443	-5	...	...
...	52.826	+37.301	-5	...	...	...	46.634	+25.267	-4	...	...	...	40.041	+43.748	0.90	50.1862	9.8
*	52.815	+2.380	1.15	50.1843	9.3	...	46.588	-9.203	-3	...	...	...	40.029	-29.732	-3	...	...
...	52.745	+15.914	-4	...	...	...	46.546	-9.136	0.80	51.1689	9.8	†	39.841	+6.457	-5	...	...

MB measured from 1, 180, 356, 530, 688, 842.

MC " " 82, 266, 442, 621, 774, 915.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
181-240						241-300						301-360					
181	-39°761	+13°754	-5	...	...	241	-32°774	+52°486	1°05	50.1871	9.6	301	-25°726	+41°987	-3	...	...
...	39°725	+2°480	0.65	...	...	...	32°715	+5°463	-2	...	...	...	25°718	+42°994	1°00	50.1883	9.6
*	39°693	-8°703	0.85	51.1703	9.8	*	32°570	+6°677	0.80	50.1870	9.8	*	25°358	-36°853	1°00	51.1726	9.8
...	39°455	-47°028	-2	51.1704	10.0	...	32°272	+27°883	-4	...	...	...	25°327	-6°636	-3	...	...
...	39°374	-39°287	-5	...	...	...	32°256	-1°911	-5	...	...	*	25°322	-6°742	0.85	51.1727	9.8
...	-39°017	+9°779	0.70	...	...	*	-32°168	-39°621	0.95	51.1714	9.8	...	-24°826	+7°626	-4	...	...
...	38°921	+25°328	-5	...	...	...	32°163	+10°392	-5	...	...	...	24°779	+3°225	-1	...	...
*	38°863	+48°113	1°05	50.1863	9.5	...	31°998	+0°607	0.75	50.1872	10.0	...	24°745	-14°377	0.90	51.1728	10.0
...	38°645	+45°350	-5	...	...	*	31°966	+47°935	0.95	50.1873	9.8	...	24°742	+11°878	-5	B	...
...	38°641	-12°155	-5	...	...	...	31°950	-19°746	0.70	51.1715	10.0	...	24°620	-0°310	0.80	...	...
191	-38°524	+14°482	-5	...	...	251	-31°864	+18°154	-2	...	...	311	-24°563	+3°021	-3	...	...
...	38°463	+55°774	-5	...	...	...	31°802	+41°553	0.85	50.1874	9.8	...	24°518	-21°495	-5	...	...
...	38°312	+3°292	-4	...	...	...	31°717	+33°032	0.70	...	...	...	24°447	-9°480	-5	...	...
*	38°146	-6°682	1.60	51.1706	8.6	S*	31°421	+42°480	1.90	50.1875	8.4	...	24°422	+26°991	-4	...	...
...	38°129	-30°842	-5	...	...	...	31°394	+21°323	-5	...	...	*	24°323	+33°321	1°05	50.1884	9.4
*	-37°983	-22°883	0.90	51.1705	9.8	*	-31°211	-41°591	0.90	51.1717	9.8	*	-24°303	-28°041	1°00	51.1729	9.6
...	37°857	+41°438	-2	...	...	...	31°119	-19°566	-5	...	...	...	24°302	+11°433	-3	...	...
...	37°732	-3°616	-5	...	...	...	31°118	+25°501	-4	...	...	*	24°084	+36°816	0.95	50.1885	9.8
...	37°517	-30°624	-5	...	...	...	31°094	+46°756	-5	...	...	...	23°844	+45°939	-5	B	...
...	36°742	+4°459	-5	...	...	*	30°864	+22°605	1°05	50.1876	9.4	...	23°805	+37°373	-4	...	...
201	-36°738	+22°884	-5	...	...	261	-30°826	-22°380	0.80	51.1718	10.0	321	-23°496	-10°930	1°00	51.1730	9.8
...	36°630	+52°420	-3	...	...	...	30°730	+52°546	-3	...	...	...	23°415	+51°597	-3	...	...
...	36°584	+54°835	-5	...	...	...	30°362	+0°284	0.70	...	...	...	23°311	-16°329	0.65	...	...
...	36°397	+53°574	-5	B	...	...	30°202	+51°423	-5	...	...	...	23°259	+57°512	-5	A	...
...	36°097	+27°655	-5	...	...	...	29°979	+41°845	-2	...	...	...	23°227	-27°310	-1	...	...
...	-35°910	+29°827	-5	B	...	†	-29°846	-50°462	-3	...	...	...	-23°130	-57°752	-1	51.1731	10.0
...	35°685	-45°892	-1	51.1708	10.0	...	29°656	+12°612	-4	...	...	...	22°932	-4°366	-3	...	...
...	35°658	+15°773	0.80	50.1864	9.8	...	29°490	-51°022	-1	51.1720	10.0	...	22°883	+29°748	-4	...	...
*	35°531	+1°040	0.75	50.1865	9.8	...	29°099	+29°825	-3	...	...	...	22°534	+49°864	-1	50.1886	10.0
...	35°242	-45°969	-5	...	...	...	29°016	-46°052	-5	...	...	...	22°316	+18°596	0.85	50.1887	9.8
211	-35°228	+14°823	1.40	50.1866	8.7	271	-28°988	+17°465	0.90	50.1877	10.0	331	-22°314	+4°622	-3	...	...
...	35°103	-37°083	-3	...	...	...	28°982	+20°394	-4	...	...	...	22°059	+13°640	-2	50.1888	10.0
...	34°989	+6°147	1.40	50.1867	8.7	...	28°910	-53°589	-4	...	...	...	22°025	+37°551	-2	...	...
...	34°933	-48°480	0.85	51.1709	9.8	*	28°872	-12°104	1.70	51.1721	8.6	...	21°987	-45°541	-5	...	...
...	34°917	+10°964	-4	...	...	...	28°827	+42°983	-4	...	...	...	21°910	+15°402	0.85	50.1889	10.0
...	-34°792	-27°075	-5	...	...	...	-28°590	-25°965	-3	...	...	...	-21°765	-21°856	-1	...	...
...	34°727	+51°018	-3	...	...	...	28°396	-0°141	-4	...	...	†	21°564	-44°840	-3	...	...
...	34°681	+12°778	-5	...	...	...	28°314	+29°307	-4	...	...	*	21°538	+22°287	1°00	50.1890	9.5
...	34°627	-44°399	-1	51.1710	10.0	...	28°243	-41°102	-1	...	...	...	21°472	-20°728	-1	51.1732	10.0
...	34°508	-28°158	-5	...	...	...	28°124	-13°966	-4	...	...	...	21°460	+28°407	-3	...	...
221	-34°435	-29°174	-5	...	...	281	-28°019	+57°269	-3	...	...	341	-21°424	+48°124	-2	50.1891	10.0
...	34°323	-18°380	-3	...	...	...	27°828	+5°210	0.85	50.1878	10.0	...	21°132	+40°132	-3	...	...
...	34°130	+59°588	-4	...	...	S*	27°669	-19°269	2.30	51.1724	8.0	...	21°011	-35°595	-5	...	...
...	34°129	+54°901	-1	49.1967	10.0	...	27°647	-4°240	-2	...	...	...	20°924	+58°358	-1	49.1995	10.0
...	33°877	+41°196	-5	...	...	...	27°552	-29°591	-5	...	...	*	20°813	+31°016	1.60	50.1892	9.0
S*	-33°794	-42°583	1.30	51.1711	9.0	*	-27°401	+13°908	1.50	50.1879	8.8	...	-20°690	+20°510	-3	...	...
...	33°606	+45°292	-3	...	...	...	27°283	+24°091	-3	...	...	...	20°688	-45°426	-3	...	...
...	33°506	-23°063	-5	...	...	*	27°271	+33°936	1.50	50.1880	8.9	...	20°605	-34°422	-3	...	...
...	33°428	+53°272	-5	B	...	...	26°983	-11°048	-4	...	...	...	20°586	-7°194	-5	...	...
...	33°396	+19°923	-4	...	...	...	26°637	+6°198	-1	...	...	...	20°492	+21°069	-4	...	...
231	-33°346	+16°835	0.85	50.1868	10.0	291	-26°563	+25°121	-4	...	...	351	-20°463	+42°898	-3	...	...
...	33°335	+33°062	-5	...	...	...	26°485	+41°868	-5	B	...	...	20°432	+27°917	-3	...	...
*	33°293	+45°363	0.95	50.1869	9.8	...	26°365	-17°250	-5	...	...	*	20°358	+20°999	1.10	50.1893	9.4
...	33°224	+27°239	-4	...	...	...	26°069	+10°211	-4	...	...	...	20°211	-2°428	-3	...	...
...	33°161	+20°847	-5	...	...	*	25°984	+14°875	1.50	50.1881	8.7	...	20°045	-45°096	-3	...	...
*	-33°115	-20°882	0.95	51.1713	9.6	...	-25°925	-8°436	-2	...	...	...	-19°847	+33°460	0.65	50.1894	10.0
...	33°105	-52°406	-4	...	...	...	25°868	-58°453	-4	...	...	†	19°838	+47°193	1.10	50.1895	9.4
...	32°968	-34°034	-4	...	...	...	25°820	-30°258	0.80	51.1725	10.0	†	19°833	-22°144	1.05	51.1733	9.4
...	32°935	-7°092	-4	...	...	*	25°766	+34°617	0.95	50.1882	9.5	...	19°628	+26°878	-5	...	...
...	32°842	+0°991	-5	B	...	...	25°736	+50°023	-4	...	...	...	19°572	+11°619	-1	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
361-420						421-480						481-540					
36I	-19°52I	+12°614	-3	...	...	42I	-12°857	+18°823	-5	...	...	48I	-6°13I	-40°874	1°00	51.1759	9.6
...	19°499	-27°859	-4	...	...	...	12°828	-17°785	0.85	51.1743	10.0	N *	6°087	+50°054	1°00	50.1916	9.5
*	19°362	-30°494	1°05	51.1734	9.6	...	12°794	+39°303	-5	...	...	...	5°864	+52°125	-4	...	...
*	19°335	+24°709	1°00	50.1896	9.6	...	12°498	-57°263	-1	51.1744	10.0	*	5°673	+58°777	1°20	49.2026	9.4
*	19°260	-53°823	1°20	51.1735	9.0	...	12°439	-42°976	-3	...	...	...	5°646	-25°769	-1	...	...
...	-18°963	+27°123	-3	...	...	...	-12°390	+58°596	0.90	49.2009	9.8	...	-5°381	+13°259	-4	...	...
...	18°806	+10°781	-5	...	...	...	12°337	-36°172	0.70	...	...	*	4°874	-1°845	1°00	50.1918	9.4
...	18°712	-35°803	0°80	51.1736	9.8	*	12°287	+31°759	2.20	50.1907	8.4	*	4°866	-12°017	1°00	51.1760	9.4
...	18°592	+16°747	-5	...	...	...	12°285	+25°764	-5	...	...	...	4°715	+41°382	-5	...	...
...	18°581	-55°591	-5	...	...	...	12°264	-50°758	0.80	51.1745	10.0	...	4°386	+55°514	0°90	49.2030	9.8
37I	-18°502	-34°226	-5	...	...	43I	-12°185	-29°387	-5	...	...	49I	-3°922	+12°100	-3	...	...
...	18°396	-22°032	-2	...	...	*	12°054	-13°093	1°05	51.1746	9.4	...	3°749	+23°247	-5	...	...
...	18°366	+8°977	0°70	50.1897	10.0	...	11°918	-23°822	0°65	51.1748	10.0	*	3°722	-57°734	1°10	51.1761	9.5
...	18°357	-5°204	-4	...	...	*	11°898	-12°224	2°60	51.1747	7.9	*	3°705	+24°677	1°00	50.1919	9.6
*	18°355	+47°788	1°50	50.1898	8.6	...	11°667	+48°105	-5	...	...	...	3°652	+17°804	-1	50.1920	10.0
...	-18°320	-56°815	-5	...	...	...	-11°591	+26°607	-5	...	...	...	-3°580	+51°170	-3	...	...
...	18°189	-31°071	-1	51.1737	10.0	*	11°281	+18°770	0°95	50.1908	9.6	...	3°404	+39°049	-4	...	...
...	18°183	-3°434	-5	...	...	...	10°943	-57°501	-5	...	...	...	3°385	-42°207	0°85	51.1762	10.0
...	17°943	+14°835	-5	...	...	...	10°875	-6°237	-3	...	...	...	3°007	-16°923	0°80	51.1763	10.0
...	17°933	-7°092	-5	...	...	...	10°795	-53°629	0°70	51.1749	10.0	...	2°946	+26°779	-4	...	...
38I	-17°715	-40°589	-4	...	...	44I	-10°091	-48°423	-3	...	...	50I	-2°683	+15°597	-5	...	...
...	17°689	+11°069	-5	...	...	...	9°797	+6°312	-1	50.1909	10.0	...	2°614	-51°225	-3	...	...
...	17°566	+40°573	-3	...	...	...	9°776	-43°077	0°80	51.1750	10.0	...	2°611	-51°346	-4	51.1764	10.0
...	17°471	+4°217	-5	...	...	...	9°567	-36°654	-3	...	...	*	2°540	+21°181	1°00	50.1921	9.6
...	17°429	-0°687	0°70	50.1899	10.0	...	9°558	-27°219	-3	...	...	*	2°438	+54°077	1°20	50.1922	9.2
...	-17°359	-56°979	-2	...	...	...	-9°472	+33°043	-3	...	...	...	-2°382	-39°283	0°80	51.1765	10.0
...	17°289	+53°213	-4	...	...	*	9°463	+42°474	1°00	50.1910	9.4	*	2°137	-41°493	1°20	51.1766	9.2
*	17°276	-35°188	1°10	51.1738	9.4	†	9°142	+44°977	-3	...	...	...	2°085	-46°671	-3	...	...
...	17°264	+25°658	-5	...	...	...	9°078	+21°683	-4	...	...	...	2°037	+35°414	-2	...	...
...	17°233	+37°943	-4	...	...	*	9°043	-47°427	1°00	51.1751	9.6	...	2°019	+22°222	-2	50.1923	10.0
39I	-16°873	-3°252	-5	...	...	45I	-9°019	+11°480	-4	...	...	51I	-1°953	+58°253	-3	...	...
...	16°837	-30°682	0°70	51.1739	10.0	...	8°819	+40°826	-1	...	...	*	1°936	+42°775	0°95	50.1924	9.8
...	16°563	-0°803	0°70	50.1900	10.0	...	8°504	-38°459	0°85	51.1752	10.0	...	1°764	+34°279	-2	...	...
...	16°402	-27°062	-5	...	...	...	8°324	+23°364	-4	...	...	...	1°659	-32°943	0°70	51.1767	10.0
*	16°309	+52°199	0°90	50.1901	9.8	...	8°287	-10°815	-4	...	...	*	1°557	+49°710	1°20	50.1925	9.2
...	-15°860	+48°055	-5	...	...	...	-8°122	+20°551	-5	B	...	...	-1°551	+29°435	0°70	50.1926	10.0
*	15°606	+51°340	1°00	50.1902	9.8	...	7°918	+38°763	-3	...	...	...	1°534	+33°793	-5	...	...
...	15°529	-16°236	-2	...	...	*	7°851	+51°156	0°95	50.1911	9.6	*	1°488	+21°468	0°90	50.1927	9.8
...	15°461	+16°655	0°65	...	...	*	7°638	+34°687	0°95	50.1912	9.6	...	1°241	+35°858	-4	...	...
...	15°384	+42°854	-3	...	...	*	7°616	-31°957	0°80	51.1754	10.0	S *	1°239	-26°173	1°30	51.1768	9.0
40I	-15°346	-37°493	-3	...	...	46I	-7°589	-47°669	1°00	51.1753	9.8	52I	-1°115	+10°863	-5	m	...
...	15°242	-28°875	-1	...	...	*	7°576	+20°244	-5	B	...	*	1°068	+1°039	1°20	50.1928	9.4
...	15°211	+12°233	0°80	50.1904	10.0	...	7°549	+37°265	-3	...	...	...	1°043	-28°734	-4	...	...
†	15°187	-4°900	0°65	50.1903	9.8	...	7°489	+45°322	-5	...	...	...	0°876	+36°731	-3	...	...
...	14°850	+53°296	-3	...	...	...	7°420	+12°436	-5	B	...	...	0°757	+32°988	-5	M	...
...	-14°660	+39°671	-5	...	...	*	-7°411	+46°623	0°90	50.1913	9.8	...	-0°472	+50°664	-3	...	...
...	14°653	+18°322	-1	...	...	...	7°260	+44°600	-4	...	...	...	0°320	-12°469	-3	...	...
...	14°164	+9°844	-5	...	...	...	7°217	-32°784	-5	...	...	...	-0°102	-9°226	0°75	51.1769	10.0
*	13°969	+23°057	0°90	50.1905	9.8	...	6°945	+12°622	-4	...	...	S †	+0°012	+18°920	2°00	50.1929	8.2
...	13°832	-25°669	0°65	51.1740	10.0	*	6°713	-10°079	0°90	51.1755	9.8	...	0°182	+48°900	-5	...	...
41I	-13°804	+1°655	0°70	50.1906	10.0	47I	-6°560	-43°067	-2	51.1756	10.0	53I	+0°221	-11°458	-5	...	...
...	13°675	+1°833	-5	B	...	...	6°454	+15°141	-5	...	...	*	0°431	+42°325	0°75	50.1930	10.0
...	13°665	-10°205	-5	...	...	*	6°376	+34°242	1°20	50.1914	9.0	*	0°508	-52°384	1°15	51.1770	9.2
...	13°482	-24°065	0°70	51.1741	9.8	*	6°286	+22°021	0°95	50.1915	9.6	...	0°951	-15°371	0°80	51.1771	9.8
...	13°301	-50°816	-5	...	...	†	6°286	-49°818	-5	...	...	...	1°143	-2°380	-5	...	...
*	-13°166	-21°478	1°20	51.1742	9.3	...	-6°263	+47°606	-5	...	...	...	+1°286	-44°063	-3	...	...
...	13°080	+46°345	-1	...	...	†	6°190	-24°898	0°90	51.1757	9.8	...	1°549	+40°471	0°75	50.1931	9.8
...	13°063	-15°055	-5	...	...	†	6°159	-40°336	-2	...	...	*	1°565	-31°728	0°80	51.1772	10.0
...	12°972	-33°104	-4	...	...	*	6°145	+51°607	1°50	50.1917	8.8	...	1°633	+47°532	-4	...	...
...	12°927	+42°750	-3	...	...	*	6°135	-33°123	0°90	51.1758	9.8	...	1°741	-50°929	0°90	51.1773	9.8

481. Obscures 2nd image of 478.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.	
541-600						601-660						661-720						
54I	+	1'818	+36'639	-5	...	60I	+	7'450	+37'085	-3	...	66I	+	17'313	-50'737	-5	...	
...	...	2'068	+49'492	-1	50.1932	...	...	7'515	+34'288	-5	...	...	...	17'494	-34'734	-4	...	
*	...	2'079	+15'828	0'90	50.1933	...	...	7'543	+24'049	-3	...	...	...	17'503	+56'696	-4	...	
...	...	2'174	+38'432	-4	...	...	...	7'771	-15'387	-5	...	...	...	17'542	+4'899	-4	...	
...	...	2'233	-54'521	-3	...	...	...	7'880	+50'260	-5	...	...	...	17'542	-24'396	-5	...	
...	+	2'305	-34'260	-4	...	*	+	8'210	+56'053	1'05	49.2059	...	...	17'771	+58'969	-4	...	
...	...	2'358	+24'070	0'65	50.1934	...	...	8'251	-45'634	-4	...	...	...	17'903	-52'417	-4	...	
...	...	2'601	+11'869	-5	...	...	...	8'753	+31'192	-1	50.1945	...	...	17'956	-37'634	-4	...	
...	...	2'694	-46'587	-4	...	...	...	8'973	+45'438	-3	...	...	...	18'054	+19'126	-1	50.1958	
...	...	2'803	+19'388	-5	...	...	...	9'053	+17'601	-4	...	...	...	18'107	+34'125	-4	...	
55I	+	2'894	+36'238	-1	50.1935	61I	+	9'204	+48'333	0'90	50.1946	...	67I	+	18'194	-58'161	-3	...
...	...	2'931	-17'300	1'20	51.1774	*	...	9'288	-36'087	0'90	51.1781	...	...	18'281	+47'257	1'00	50.1957	
S *	...	2'946	+38'232	2'60	50.1936	*	...	9'330	+44'289	0'85	50.1948	...	*	...	18'481	+1'258	0'90	50.1961
...	...	3'149	-37'624	-4	...	*	...	9'383	+30'289	1'00	50.1947	...	...	18'496	+31'272	-4	...	
...	...	3'205	+35'113	-5	...	...	...	9'498	+1'099	-5	b	...	...	18'517	+26'514	-2	...	
...	+	3'305	+39'395	-2	...	...	+	9'553	+23'271	-1	50.1950	...	*	...	18'577	-16'464	0'85	51.1786
*	...	3'390	+34'702	0'90	50.1937	*	...	9'596	+52'660	1'20	50.1949	...	*	...	18'801	+41'637	1'20	50.1959
...	...	3'404	+15'639	-5	...	...	...	9'649	-42'502	-5	...	...	*	...	18'836	-48'936	0'95	51.1787
...	...	3'510	-11'564	-4	...	...	...	9'889	-45'101	-3	...	...	...	18'943	+34'262	-4	...	
...	...	3'753	-39'159	-3	...	†	...	9'945	-44'423	-4	...	...	...	18'962	-51'633	-2	...	
56I	+	3'767	-42'085	1'20	51.1775	62I	+	10'070	-15'561	-5	...	68I	+	19'007	+47'704	0'95	50.1960	
...	...	4'202	-53'508	-5	...	...	...	10'146	-21'110	-4	...	...	...	19'014	-37'282	-2	51.1788	
...	...	4'349	-51'853	-5	...	...	...	10'148	+33'947	-2	...	...	...	19'056	-39'245	-5	...	
...	...	4'400	-15'498	0'70	51.1776	...	...	10'461	+50'435	-3	...	*	...	19'271	-27'745	0'95	51.1789	
+	...	4'588	+15'107	1'60	50.1938	...	...	10'619	-13'270	-4	...	†	...	19'340	+9'999	0'85	50.1962	
...	+	4'669	-33'667	-5	...	...	+	10'626	+23'468	-4	...	...	+	19'749	+2'245	-2	50.1963	
...	...	4'694	-21'087	0'70	51.1778	...	...	11'875	-31'135	-5	...	...	...	19'918	+12'900	-1	50.1964	
...	...	4'762	+17'414	-4	...	...	...	11'885	+3'601	-3	...	†	...	20'034	-6'177	-3	51.1790	
...	...	4'768	-12'734	-2	51.1777	...	...	11'935	-57'759	-4	...	...	...	20'388	+15'131	-4	...	
*	...	4'812	+13'898	1'00	50.1940	...	...	11'943	-11'588	-4	...	...	...	20'420	-6'305	-3	...	
57I	+	4'904	+52'596	1'10	50.1939	63I	+	11'973	+28'616	-4	...	69I	+	20'433	+57'216	0'70	49.2080	
...	...	4'949	-42'660	-3	...	...	...	12'605	+3'921	-4	...	...	...	20'482	-7'303	0'65	51.1791	
...	...	5'217	-6'992	-5	...	...	...	12'727	+44'631	-3	...	...	...	20'487	+49'451	-1	50.1965	
...	...	5'263	-25'612	-5	...	...	...	12'771	+42'671	-3	50.1952	*	...	20'523	+0'229	1'20	50.1966	
*	...	5'354	+57'146	1'00	49.2053	*	...	12'794	+34'805	1'80	50.1951	...	...	20'651	+36'099	-5	...	
*	+	5'568	+23'451	0'75	50.1941	...	+	12'818	+31'965	-3	...	...	+	20'665	+25'765	-4	...	
...	...	5'584	+1'876	-5	b	...	...	12'898	-5'622	-1	...	...	...	20'675	-32'386	-5	...	
...	...	5'721	+29'350	-5	...	...	...	12'912	+42'665	-2	...	...	...	20'877	-13'692	-5	...	
...	...	5'830	-10'997	-5	...	*	...	13'426	-28'977	1'00	51.1783	*	...	21'424	-0'987	1'05	50.1967	
...	...	5'853	+22'981	-5	...	...	...	13'426	+2'465	-5	...	...	*	21'661	-41'626	1'05	51.1793	
58I	+	5'875	-29'544	-3	...	64I	+	13'621	+22'608	-5	...	70I	+	21'678	-49'658	1'05	51.1795	
*	...	5'949	+42'312	0'80	50.1942	...	...	13'906	-14'991	-5	...	...	...	21'860	+25'148	-1	...	
...	...	6'055	+20'909	0'75	50.1943	*	...	14'094	+12'182	1'30	50.1953	...	...	21'889	-51'941	-5	...	
...	...	6'097	+23'418	-5	...	...	...	14'189	-1'346	-5	...	...	...	22'032	-13'503	-2	51.1794	
...	...	6'263	-49'067	-3	...	*	...	14'832	+8'376	1'10	50.1955	†	...	22'042	-54'839	1'20	51.1796	
...	+	6'264	-51'908	-5	...	†	...	14'992	+30'200	-3	50.1954	...	...	22'107	-10'508	-3	...	
...	...	6'270	+35'040	-5	...	...	...	15'206	-17'491	-3	...	...	...	22'245	+53'453	-4	...	
...	...	6'303	-39'641	-5	...	*	...	15'216	+56'032	1'05	49.2068	*	...	22'344	+13'638	0'90	50.1968	
...	...	6'327	+9'042	-5	...	...	...	15'238	-0'657	-2	50.1956	...	*	22'404	-2'070	0'90	50.1970	
...	...	6'406	+46'487	-5	...	...	...	15'616	-46'288	-3	...	...	...	22'442	-47'937	-5	...	
59I	+	6'424	+56'107	-2	49.2055	65I	+	15'644	-57'646	-3	51.1785	71I	+	22'534	+16'435	-4	...	
...	...	6'482	+26'652	-5	...	...	...	15'649	-27'409	-2	51.1784	...	...	22'570	+2'210	-4	...	
...	...	6'649	-32'202	-5	...	...	...	15'720	-2'642	-5	...	...	...	22'600	+43'022	-3	...	
...	...	6'786	+37'742	-3	...	...	...	15'790	-18'325	-3	...	*	...	22'860	+31'451	2'10	50.1969	
...	...	7'103	-19'216	-2	...	...	...	15'847	-37'062	-3	...	...	...	22'930	-18'717	-4	...	
...	+	7'149	+46'477	-4	...	...	+	16'085	-53'305	-4	...	...	+	23'076	-8'741	-4	...	
...	...	7'203	+3'374	-4	...	...	...	16'709	+56'965	-1	49.2070	...	...	23'084	+7'741	-5	...	
*	...	7'250	+3'118	1'00	50.1944	...	...	16'848	+26'687	-3	...	...	...	23'161	+25'749	-5	...	
...	...	7'295	+11'763	-2	...	...	...	16'862	+33'376	-5	...	...	...	23'165	-37'432	0'70	51.1797	
...	...	7'396	-43'681	-5	...	...	...	17'116	+46'146	-4	...	...	...	23'206	+35'073	-4	...	

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
721-780						781-840						841-900					
721	+23°369	+10°975	-3	...	...	781	+30°871	+4°223	-5	...	...	841	+39°693	-8°461	0.75	51.1818	10.0
...	23°453	+30°865	0.75	50.1971	9.8	...	31°222	+26°156	-2	...	...	...	39°935	+39°316	1.00	50.1990	9.2
...	23°538	+7°997	0.70	50.1972	10.0	*	31°256	+15°885	1.15	50.1980	9.3	*	40°154	+38°462	0.90	50.1991	9.6
...	23°569	+11°490	-4	...	...	...	31°483	+55°130	1.20	49.2092	9.4	...	40°414	+22°055	-4	...	...
...	23°605	-38°875	0.80	51.1798	10.0	...	31°541	-6°855	-5	...	...	...	41°013	+27°499	-5	...	...
...	+24°015	-3°501	-5	...	...	...	+31°582	-5°480	-5	...	...	...	+41°214	+37°490	-5	...	...
...	24°022	-17°492	0.90	51.1799	9.6	...	31°635	-18°296	-2	...	...	...	41°486	-26°288	-5	...	...
...	24°100	-51°694	-5	...	...	...	31°656	-44°613	-4	...	...	*	41°527	+26°669	0.80	50.1992	10.0
*	24°261	-5°591	1.20	50.1973	9.0	...	31°761	-53°506	-4	...	...	...	41°633	+59°475	-3	...	...
...	24°380	+12°159	-4	...	...	*	31°802	+36°264	1.00	50.1981	9.4	...	41°759	-31°435	-5	...	...
731	+24°637	-1°593	-3	...	...	791	+32°019	-57°607	-4	...	...	851	+42°053	-29°040	-5	...	...
*	24°695	-6°963	2.80	51.1800	7.7	...	32°172	+21°761	-3	...	...	*	42°291	+39°494	1.05	50.1993	9.5
†	24°949	-12°789	-5	...	...	...	32°271	-37°464	-3	...	...	...	42°385	-6°761	-1	51.1819	9.8
†	24°957	-42°103	-5	...	...	...	32°681	+36°623	-5	...	...	...	42°438	-6°735	-3	...	...
†	24°974	-4°630	-5	...	...	S †	32°826	-10°001	3.20	51.1811	6.9	...	42°636	+40°390	0.80	50.1994	9.8
*	+25°236	-0°591	0.90	50.1975	9.6	...	+33°040	+20°770	-5	...	...	*	+42°854	+28°915	0.85	50.1995	9.8
...	25°358	+18°664	-5	...	...	...	33°043	+54°194	-3	...	...	S *	43°022	-48°028	4.00	51.1821	5.5
...	25°458	-16°208	-5	...	...	...	33°300	-56°035	-5	...	...	...	43°240	-11°218	0.75	51.1820	9.8
...	25°511	-52°145	-5	...	...	...	33°905	-44°908	-5	...	...	...	43°254	-11°273	-5	...	...
*	25°552	-30°925	1.10	51.1801	9.4	*	33°913	-0°805	1.00	50.1982	9.5	...	43°305	+13°460	-4	...	...
741	+25°800	+2°319	0.70	50.1976	10.0	801	+34°019	+52°917	-3	...	...	861	+43°529	+29°367	-5	...	...
...	25°833	+48°185	0.90	50.1974	9.8	...	34°394	+24°443	-3	...	...	...	43°597	+1°646	-3	...	...
...	25°975	+31°882	-5	...	...	...	34°408	-34°606	-3	...	...	...	43°643	+12°692	-3	...	...
...	25°983	+52°781	-5	...	...	...	34°471	+6°788	-4	...	...	...	43°676	+25°234	-4	...	...
...	26°364	-7°734	-4	...	...	...	34°503	-33°983	-3	...	...	...	43°763	+47°678	-5	...	...
*	+26°384	+4°377	0.70	50.1978	10.0	*	+34°508	+25°658	1.20	50.1983	8.9	...	+43°808	-55°671	-5	...	...
*	26°603	+33°643	0.95	50.1977	9.6	...	34°704	+25°477	-3	...	...	...	43°952	-16°552	-2	...	...
*	26°830	-42°599	1.10	51.1803	9.3	*	34°876	-51°714	0.95	51.1812	9.6	...	44°135	+1°572	-3	...	...
...	27°045	+51°915	-5	...	...	†	34°957	-45°340	-4	...	...	...	44°209	-18°539	-5	...	...
...	27°077	+10°408	-4	...	...	*	35°142	+35°474	1.20	50.1984	9.1	...	44°337	+18°581	-3	...	...
751	+27°243	+25°838	-4	...	...	811	+35°263	-0°133	0.80	50.1986	10.0	871	+44°598	-3°039	-5	...	...
*	27°272	-11°256	0.80	51.1802	9.8	f *	35°472	+57°163	1.80	49.2096	8.7	...	44°789	+35°151	-5	...	...
...	27°433	-22°310	-1	...	...	...	35°509	+2°916	-3	...	...	...	44°808	+36°046	-4	...	...
...	27°433	-22°310	-1	...	...	...	35°509	+2°916	-3	...	...	*	44°808	+36°046	-4	...	...
...	27°541	-44°513	-5	...	...	...	35°518	+52°369	-4	...	...	...	44°980	-32°442	0.90	51.1822	9.8
...	27°645	+28°838	-4	...	...	...	35°617	+46°942	-3	...	...	...	45°025	+21°549	-5	...	...
...	+27°667	-35°193	-4	...	...	...	+35°844	-26°152	-4	...	...	...	+45°126	-58°111	-4	...	...
...	27°834	-21°221	-5	...	...	...	35°862	+30°954	0.95	50.1985	9.6	...	45°243	-16°882	-5	...	...
...	28°203	+30°240	-3	...	...	*	35°920	-20°558	1.10	51.1813	9.4	...	45°437	+36°949	-5	...	...
...	28°251	-7°888	-4	...	...	...	36°124	-26°839	-4	...	...	...	45°486	+2°668	0.75	50.1996	9.8
...	28°287	+9°889	-2	...	...	...	36°151	+14°172	-5	...	...	...	45°621	+25°214	-5	...	...
761	+28°415	+5°281	-3	...	...	821	+36°229	+14°489	-5	...	...	881	+45°672	+3°179	-4	...	...
...	28°432	+38°854	-4	...	...	S *	36°656	+15°548	1.70	50.1988	8.6	...	45°740	-12°166	-4	...	...
...	28°807	-49°625	-5	...	...	*	36°923	+52°516	1.70	50.1987	8.6	...	45°788	+55°519	0.75	49.2113	9.6
...	28°820	+52°381	-5	...	...	†	37°068	-44°765	-5	...	...	...	45°789	+27°650	-4	...	...
...	28°937	-31°192	-4	...	...	†	37°217	+24°952	-4	...	...	...	45°912	+58°251	-5	...	...
...	+29°075	-1°722	-4	...	...	...	+37°304	-44°897	-5	...	...	*	+46°052	+58°272	1.05	49.2114	9.4
...	29°151	-18°054	-4	...	...	...	37°337	-42°765	-3	51.1814	10.0	...	46°224	-50°698	-3	...	...
...	29°315	-14°248	-3	...	...	...	37°356	+46°068	-4	...	...	...	46°358	+57°586	-5	...	...
...	29°590	-42°521	-5	...	...	...	37°390	+4°220	-5	...	...	...	46°408	-44°159	-5	...	...
...	29°621	-25°355	-5	...	...	*	37°508	-59°515	1.10	51.1816	9.4	...	46°429	+8°157	-3	...	...
771	+29°663	-38°105	0.70	51.1805	9.8	831	+37°594	-5°877	1.00	50.1989	9.4	891	+46°890	+59°565	-1	49.2117	9.6
...	29°786	-0°138	-4	f	...	*	37°979	-34°187	0.80	51.1815	9.8	*	46°961	+55°185	1.60	49.2118	8.7
...	29°871	-43°179	-1	51.1806	10.0	...	38°311	+7°786	-2	...	...	...	47°152	+23°151	-5	...	...
...	30°022	+36°665	-4	...	...	...	38°348	+10°896	-4	...	...	...	47°227	+38°118	-2	50.1997	10.0
*	30°080	+24°623	1.00	50.1979	9.5	...	38°491	-42°622	-1	51.1817	10.0	...	47°338	-17°762	0.90	51.1823	10.0
...	+30°249	-0°557	-5	...	...	...	+38°545	-21°301	-3	...	...	...	+47°515	+40°616	-5	...	...
...	30°269	+28°666	-4	...	...	...	38°766	+33°095	-4	...	...	...	47°560	-16°283	-5	...	...
...	30°510	-17°940	-1	51.1808	10.0	...	38°988	+49°814	-3	...	...	...	47°947	+3°656	-4	...	...
*	30°514	-16°400	1.30	51.1809	8.9	...	39°079	+22°457	-5	...	...	...	48°008	-46°620	0.95	51.1824	9.8
*	30°527	-51°050	1.20	51.1810	9.2	...	39°217	-19°669	-5	...	...	...	48°157	+12°527	-3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x</i>	<i>y</i>		No.	Mag		<i>x</i>	<i>y</i>		No.	Mag.		<i>x</i>	<i>y</i>		No.	Mag.
901-930						931-960						961-989					
90I						93I						96I					
...	+48'319	-48'118	-3	51.1825	10.0	...	+52'502	-2'578	-5	...	...	...	+56'033	+43'465	-5	...	...
*	48'417	+17'982	1.10	50.1999	9.1	*	52'516	-17'738	1.10	51.1831	9.5	...	56'045	-18'318	-4	<i>e</i>	...
*	48'500	+31'867	0.75	50.1998	10.0	*	52'531	+38'373	1.40	50.2003	9.2	<i>e</i>	56'099	-51'496	-3	51.1843	10.0
...	48'559	+2'250	-5	...	...	...	52'548	+41'906	-5	...	...	...	56'136	+21'601	-3	...	...
...	48'587	-11'467	0.70	...	...	...	52'555	+56'075	-5	...	...	...	56'253	-6'114	-5	...	...
...	+48'904	+46'753	-5	...	...	S *	+52'625	+33'709	2.05	50.2004	8.4	†	+56'279	-24'860	-3	<i>e</i>	...
†	48'944	-24'847	-5	...	...	...	52'626	+3'551	-3	...	...	*	56'284	+13'668	1.80	50.2008	8.7
...	48'964	-37'611	-2	...	...	<i>e</i>	53'047	-54'620	-2	51.1836	9.8	...	56'512	-0'783	-3	<i>e</i>	...
...	49'075	+37'446	-5	...	...	<i>e</i> *	53'277	-27'602	1.60	51.1834	9.0	...	56'590	-1'532	-5	...	...
*	49'136	+7'424	1.00	50.2000	9.4	<i>e</i>	53'466	-24'950	-1	51.1835	10.0	<i>e</i> *	56'622	-24'652	1.00	51.1842	9.8
91I						94I						97I					
*	+49'151	-15'783	1.15	51.1826	9.4	...	+53'562	-6'878	-4	...	...	<i>e</i> *	+56'743	-39'285	1.30	51.1844	9.2
...	49'270	-4'681	-5	...	...	<i>e</i> *	53'686	-48'421	1.40	51.1837	9.1	...	56'761	-44'420	-4	<i>e</i>	...
...	49'577	-22'201	0.85	51.1827	9.8	...	53'713	-46'092	-4	<i>e</i>	...	...	56'932	-18'165	-3	<i>e</i>	...
...	49'813	+43'376	-5	...	...	*	53'866	+40'168	1.05	50.2005	9.5	...	57'216	+20'564	-5	...	...
†	49'892	-1'532	-4	...	...	...	54'180	-6'834	-3	<i>e</i>	...	†	57'252	+15'055	-4	...	...
†	+49'930	-36'081	-3	...	...	<i>e</i> *	+54'198	-57'106	1.80	51.1840	8.9	†	+57'506	-14'881	-4	...	...
...	49'975	-22'752	0.85	51.1828	9.8	<i>e</i>	54'418	-20'285	-3	51.1838	10.0	...	57'512	+9'124	-2	...	...
...	50'026	+37'794	-5	...	...	...	54'492	+27'790	-2	...	...	...	57'711	+44'334	-1	50.2009	10.0
...	50'063	-49'950	-5	...	...	<i>e</i>	54'722	-39'948	-3	51.1841	9.8	...	57'830	+23'529	-5	...	...
...	50'254	+44'786	0.90	50.2001	9.8	...	54'780	-9'117	-4	<i>e</i>	...	...	58'058	+58'379	-5	...	...
92I						95I						98I					
...	+50'434	-25'563	-3	...	...	...	+54'793	-5'219	-4	<i>e</i>	...	*	+58'119	+5'607	1.60	50.2010	8.9
...	50'770	-4'461	-3	...	...	†	54'902	-30'911	-3	<i>e</i>	...	<i>e</i>	58'544	-39'612	-3	51.1846	10.0
...	50'854	+12'524	-2	...	...	...	55'032	-7'767	-4	<i>e</i>	...	...	58'660	-47'470	-3	<i>e</i>	...
...	50'914	-55'195	-3	51.1829	10.0	<i>e</i> *	55'073	-19'739	1.00	51.1839	9.6	...	58'724	+7'006	-3	...	...
...	51'502	-28'498	-3	...	...	...	55'435	+15'206	0.85	50.2007	9.8	...	58'808	+9'741	-4	...	...
...	+51'959	-37'575	-3	<i>e</i>	...	...	+55'682	-27'896	-4	<i>e</i>	...	...	+58'813	-25'314	-4	<i>e</i>	...
*	52'160	-23'000	1.20	51.1830	9.2	...	55'844	+3'776	-3	...	...	<i>e</i> *	59'000	-12'651	1.20	51.1845	9.4
<i>e</i> *	52'346	-50'539	1.00	51.1833	9.6	...	55'929	-29'207	-5	<i>e</i>	...	...	59'088	+37'883	-3	50.2011	10.0
<i>e</i>	52'415	-39'333	-3	51.1832	10.0	*	55'937	+49'328	1.40	50.2006	9.1	<i>e</i>	59'550	-25'302	-2	51.1847	10.0
*	52'451	+52'734	1.20	50.2002	9.3	...	56'029	+14'907	-5	...	...	...					

1-20						21-40						41-60					
I						2I						4I					
...	-59'830	-37'731	-4	E	...	...	-57'154	-30'955	-3	E	...	E*	-53'811	-12'529	1.00	51.1845	9.4
*	59'378	+49'254	1.20	50.2006	9.1	E†	56'975	-39'992	-1	51.1841	9.8	...	53'542	+5'986	-5	...	...
E	59'312	-39'467	-3	51.1832	10.0	...	56'942	+20'570	-5	...	...	...	53'482	-25'200	-4	E	...
E*	58'922	-27'712	1.40	51.1834	9.0	E*	56'799	-57'150	1.50	51.1840	8.9	*	53'410	+13'377	1.00	50.2013	9.4
E	58'912	-50'659	0.95	51.1833	9.6	...	56'765	-0'782	-3	E	...	...	53'375	+2'329	-3	...	...
...	-58'868	-6'925	-3	E	...	...	-56'694	+15'068	-5	...	...	E	-53'179	-39'489	-2	51.1846	10.0
E†	58'846	-25'046	0.75	51.1835	10.0	...	56'535	-18'310	-3	E	...	...	52'831	-3'463	-1	50.2014	10.0
*	58'508	+15'144	0.85	50.2007	9.8	...	56'500	-27'900	-4	E	...	E	52'745	-25'156	0.65	51.1847	10.0
...	58'311	-5'293	-5	E	...	...	56'200	-29'214	-5	E	...	...	52'729	-47'327	-2	E	...
...	58'161	-9'184	-5	E	...	...	56'185	+9'152	-1	...	...	*	52'617	-11'635	1.15	51.1848	9.3
II						3I						5I					
E	-58'067	-20'359	-2	51.1838	10.0	...	-56'036	-24'843	-2	E	...	...	-52'568	+18'336	-2	50.2016	10.0
...	58'065	+21'566	-3	...	...	...	55'776	+37'948	-3	50.2011	10.0	*	52'391	-1'356	0.85	50.2015	9.8
E	58'048	-54'712	-1	51.1836	9.8	E	55'700	-24'632	0.90	51.1842	9.8	...	52'296	+29'472	0.90	50.2017	9.8
...	57'969	-7'823	-5	E	...	...	55'652	-18'136	-1	E	...	...	52'100	-53'897	-5	...	...
...	57'740	-46'158	-3	E	...	*	55'421	+5'667	1.40	50.2010	8.9	...	51'310	-51'043	-3	...	...
E*	-57'667	-48'491	1.20	51.1837	9.1	E	-55'119	-51'454	-3	51.1843	10.0	*	-51'212	-35'327	1.00	51.1849	9.4
...	57'629	+3'735	-3	...	...	E†	54'985	-39'239	1.40	51.1844	9.2	*	51'155	+5'173	1.00	50.2018	9.6
*	57'592	+13'645	1.80	50.2008	8.7	†	54'886	+7'087	-4	...	...	...	51'104	+11'795	-4	...	...
E*	57'447	-19'785	0.95	51.1839	9.6	...	54'758	-44'365	-3	E	...	...	51'038	-34'162	-3	...	...
...	57'414	+44'346	-1	50.2009	10.0	*	54'591	+40'715	1.20	50.2012	9.0	...	50'677	+37'325	-3	...	...

MC measured from 1, 125, 236, 350, 471, 611.
MB ,, ,, 68, 184, 298, 411, 543, 690.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
61-120						121-180						181-240					
6I	-50.476	+ 3.396	-3	...	...	12I	-40.529	- 3.940	0.80	50.2031	9.8	18I	-30.743	+ 0.955	0.90	50.2053	9.5
†	50.471	+59.680	-3	49.2145	10.0	...	40.520	+29.476	-5	...	...	...	30.683	+45.298	-5	...	...
...	50.432	-38.346	-4	...	...	...	40.195	- 6.698	-1	...	...	*	30.614	-17.849	1.00	51.1873	9.3
...	50.295	-18.867	-4	...	...	...	40.182	+30.768	0.70	50.2032	10.0	†	29.928	+37.913	0.70	50.2054	9.8
*	50.243	-12.256	0.90	51.1850	9.6	...	39.895	+30.933	0.90	50.2033	9.6	...	29.654	-41.485	0.65	...	...
†	-50.188	+29.858	-4	...	...	S	-39.672	-34.891	1.80	51.1866	8.4	...	-29.402	-53.635	-1	51.1874	10.0
†	49.920	+39.049	1.00	50.2020	9.5	...	39.478	-16.022	0.65	...	...	...	29.287	+11.195	-4	...	...
*	49.780	+20.917	1.10	50.2019	9.2	...	38.758	+ 6.963	-4	...	...	...	29.153	-24.302	0.70	51.1875	9.8
*	49.383	-21.747	1.00	51.1851	9.4	*	38.751	-17.483	1.20	51.1867	9.0	*	29.034	+ 3.417	1.20	50.2055	9.2
S *	49.217	- 3.510	1.80	50.2021	8.6	*	38.516	-27.382	1.20	51.1868	9.2	...	28.600	-42.283	-5	...	...
7I	-49.130	+55.565	1.20	49.2149	9.3	13I	-38.008	+35.269	1.00	50.2034	9.4	19I	-28.480	+47.020	0.70	...	...
*	49.120	+ 8.570	-5	...	...	...	37.834	+42.114	-3	...	...	...	28.417	+16.909	-5	...	...
...	49.120	+27.595	-4	...	...	...	37.785	+52.604	0.85	50.2035	9.8	...	28.296	-43.828	-5	...	...
...	49.045	+30.300	-4	...	...	...	37.748	-35.113	-4	...	...	*	28.291	-14.225	1.10	51.1876	9.4
...	48.985	-49.701	-1	51.1852	10.0	...	37.301	-38.571	-3	...	...	...	28.273	-35.601	-1	...	...
...	-48.913	-42.006	0.70	51.1853	10.0	...	-37.237	-3.493	-3	...	...	...	-28.154	+28.767	-4	...	...
...	48.802	- 3.332	0.65	50.2022	9.8	*	37.197	-31.983	0.95	51.1869	9.5	...	28.057	-38.784	0.85	51.1877	10.0
...	48.336	+24.080	0.65	50.2023	10.0	...	37.088	+30.112	-3	...	...	...	27.856	+21.661	-3	...	...
...	48.115	-14.416	0.85	51.1854	9.6	...	36.990	+42.110	0.80	50.2036	9.8	...	27.537	-34.829	-1	...	...
...	47.805	+21.010	-4	...	...	...	36.898	-51.530	-3	...	...	...	27.526	+ 6.603	-3	...	...
8I	-47.711	+ 5.930	-5	...	...	14I	-36.866	+46.126	-1	...	...	20I	-26.814	-48.085	0.65	...	...
...	47.664	+46.670	1.05	50.2024	9.5	...	36.817	-30.209	-3	...	...	...	26.707	-10.946	-5	...	...
...	47.577	+23.239	-4	...	...	...	36.694	+15.985	0.90	50.2037	9.6	...	26.452	- 4.413	-5	...	...
...	47.333	-47.001	-5	...	...	...	36.607	-37.479	-3	...	...	...	26.316	+20.117	-2	50.2056	10.0
...	47.237	-59.599	-5	...	...	...	36.455	-44.382	0.70	51.1870	10.0	...	25.533	+55.204	-3	...	...
...	-47.181	-16.099	0.80	51.1855	9.8	...	-36.439	+ 7.800	-4	...	...	†	-24.968	+30.572	-4	...	...
...	47.178	-29.049	-3	...	...	...	36.402	+35.375	0.65	50.2038	10.0	...	24.736	-47.518	0.85	51.1878	9.8
...	47.093	- 9.852	-2	...	...	...	36.181	-13.429	-4	...	...	...	24.431	-32.364	-5	...	...
...	46.879	+47.845	-3	...	...	...	35.507	+25.268	0.75	50.2039	9.8	*	24.341	+20.587	1.20	50.2057	9.0
...	46.599	-39.199	-4	...	...	...	35.378	-25.002	-4	...	...	...	23.821	-10.799	-4	...	...
9I	-46.482	-24.550	1.10	51.1857	9.4	15I	-35.270	+19.136	-4	...	...	21I	-23.663	-10.740	-4	51.1879	10.0
†	46.281	+24.739	1.10	50.2025	9.2	...	35.262	+37.262	0.65	50.2040	10.0	...	23.573	- 5.044	-2	50.2058	10.0
...	46.170	-39.789	-5	...	...	...	34.909	-28.820	-5	...	...	...	23.472	-59.483	-5	...	...
...	45.884	-18.202	0.80	51.1858	10.0	N *	34.863	-29.263	1.20	51.1871	9.1	...	23.166	-57.414	-5	...	...
*	45.756	-28.819	0.80	51.1859	9.8	...	34.853	+ 1.163	0.90	50.2041	9.8	...	23.054	-45.124	-3	...	...
*	-45.587	-36.241	1.20	51.1860	9.2	...	-34.689	+19.981	0.80	50.2042	9.8	...	-22.979	-54.195	-4	...	...
...	45.462	-14.044	0.65	...	...	...	34.340	-23.083	0.85	51.1872	9.8	...	22.901	+27.128	-4	...	...
...	45.427	- 2.044	-4	...	...	...	34.092	-26.848	-3	...	...	...	22.818	+51.416	-5	...	...
*	45.143	-15.580	1.40	51.1861	9.0	...	33.927	- 7.539	-4	...	...	*	22.676	-12.742	1.15	51.1880	9.4
†	44.913	+ 6.959	0.70	50.2027	9.8	...	33.755	+16.170	-3	...	...	...	22.555	+52.074	0.70	50.2060	9.8
10I	-44.905	- 2.830	0.65	50.2026	10.0	16I	-33.652	- 8.469	-3	...	...	221	-22.553	+38.014	0.65	50.2059	10.0
†	44.523	-32.173	-4	...	...	...	33.501	-32.877	-4	...	...	*	22.525	-22.331	0.90	51.1881	9.6
...	44.482	-36.624	-5	...	...	*	33.434	+19.950	1.00	50.2043	9.4	...	22.361	+26.512	-5	...	...
...	44.259	+ 3.829	0.65	50.2028	10.0	...	33.276	+ 5.694	-1	50.2044	10.0	*	21.919	-16.441	0.90	51.1882	9.6
...	44.055	+57.296	-3	49.2160	10.0	...	33.251	+43.340	-4	...	...	*	21.492	+26.374	1.05	50.2061	9.4
...	-43.929	- 8.673	-2	...	...	n	-33.124	+ 8.069	-3	50.2045	10.0	*	-21.419	+21.447	1.40	50.2062	8.8
...	43.846	-35.158	0.70	51.1862	10.0	...	33.077	+48.770	0.80	50.2046	9.6	...	21.370	- 8.287	-5	...	...
...	43.837	+17.638	0.80	50.2029	9.8	...	33.037	+16.020	-1	...	...	...	21.344	- 6.256	-3	...	...
*	43.736	+58.698	1.20	49.2162	9.0	...	32.970	+53.310	-1	50.2047	10.0	*	21.269	+39.421	0.85	50.2063	9.6
...	43.506	-25.370	-4	...	...	n	32.957	+ 8.265	-2	50.2045	10.0	...	20.806	+ 2.633	-5	...	...
11I	-43.211	-59.800	-2	51.1863	10.0	17I	-32.699	+49.516	1.15	50.2048	9.3	23I	-20.604	-27.195	-5	...	...
...	43.024	+19.954	-5	...	...	...	32.481	+38.733	0.80	50.2049	9.8	...	20.498	+59.444	-2	49.2191	10.0
...	42.720	+26.554	0.80	50.2030	9.8	*	32.272	+18.015	0.90	50.2050	9.6	†	20.480	+19.769	0.65	50.2064	10.0
...	42.554	+18.963	-4	...	...	*	31.948	- 3.794	1.80	50.2051	8.4	*	20.225	+23.361	-4	...	...
...	42.396	-59.263	-1	51.1864	10.0	...	31.940	-21.484	-3	...	...	*	20.126	+35.521	1.10	50.2065	9.3
...	-42.268	+21.441	-5	...	...	...	-31.717	+13.390	-4	...	...	...	-20.032	-46.924	-3	...	...
...	41.387	+47.203	-5	...	...	...	31.453	+20.314	-4	...	...	*	19.953	-38.747	0.90	51.1883	9.6
...	41.293	+26.213	-5	...	...	...	31.043	- 4.000	-4	...	...	...	19.909	+34.254	0.70	50.2066	10.0
...	41.246	-26.673	-4	...	...	...	30.950	+11.354	0.75	50.2052	9.8	...	19.739	- 8.684	0.70	51.1884	10.0
...	40.777	+22.936	-3	...	...	...	30.841	+28.556	-1	...	...	...	19.565	-45.658	-3	...	...

154. Obscure 2nd image of 153.

166, 170, C.P.D., suspected double.

Notes.	Co-ordinates:		Diam.	C.P.D.		Notes.	Co-ordinates:		Diam.	C.P.D.		Notes.	Co-ordinates:		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
241-300						301-360						361-420					
24I	-19°552	-59°043	-3	...	...	30I	-8°685	+27°262	0.65	...	...	36I	+1°724	+31°555	1.00	50.2095	9.4
...	19°535	-38°436	-4	...	...	...	8°494	-1°792	0.90	50.2086	9.6	...	1°916	+46°756	-2	50.2096	10.0
...	19°433	-46°149	-3	...	...	...	8°256	+27°316	-4	...	...	...	2°217	-44°323	-3	...	...
...	18°942	+54°143	-3	...	...	...	8°231	-44°287	0.85	51.1899	9.6	...	2°579	-51°166	1.50	51.1923	8.8
...	18°821	-36°869	-4	...	...	...	7°932	+8°936	-4	...	...	...	2°762	-16°834	-4	...	...
...	-18°815	+22°808	-4	...	...	...	-7°923	+43°738	0.90	50.2087	9.8	...	+2°987	-49°929	0.70	51.1925	10.0
S *	18°763	+11°421	2.40	50.2067	8.4	...	7°699	+53°851	0.75	50.2088	10.0	...	3°059	-25°666	-3	51.1924	10.0
...	18°547	+37°964	-4	...	...	...	7°610	-21°170	1.50	51.1900	8.8	...	3°268	-35°522	-2	51.1926	10.0
...	18°453	+6°220	0.90	50.2068	9.6	...	7°407	+20°134	-4	...	...	...	3°402	-44°721	-3	...	...
...	18°022	-55°949	0.90	51.1885	9.6	...	7°372	-16°863	0.65	51.1901	10.0	...	3°508	-37°617	-3	...	...
25I	-17°998	+37°253	1.30	50.2069	9.0	31I	-7°309	+53°703	-4	...	...	37I	+3°530	+1°670	-3	50.2098	10.0
...	17°895	-9°759	-4	...	...	...	7°083	-6°448	1.60	51.1903	8.8	...	3°671	+17°285	-4	50.2097	10.0
...	17°801	+1°056	-4	...	...	...	7°053	+16°202	1.20	50.2089	9.2	...	3°703	-40°075	0.90	51.1928	9.8
...	17°685	+43°614	-5	...	...	...	7°029	+13°044	-4	...	...	...	3°765	+16°954	0.80	50.2099	9.6
...	17°521	+43°730	-5	...	...	...	6°914	-27°591	0.70	51.1904	9.8	...	3°927	-28°831	0.70	51.1929	9.8
...	-17°422	+6°502	-4	...	...	...	-6°637	-36°282	0.70	51.1905	10.0	...	+4°001	+30°477	-3	...	...
...	17°131	-28°745	-4	...	...	...	6°469	-46°254	0.65	...	...	...	4°006	+14°664	-4	50.2100	10.0
...	17°031	+49°223	-1	...	...	...	6°220	-45°362	0.70	51.1906	10.0	...	4°054	+13°636	-2	50.2101	10.0
...	16°876	+31°507	-5	...	...	...	5°758	-8°175	0.70	51.1907	9.8	...	4°276	-24°187	0.90	51.1930	9.8
S *	16°540	-57°520	1.50	51.1886	8.6	...	5°543	+57°603	0.90	49.2213	9.8	...	4°333	+39°583	0.75	50.2102	9.8
26I	-16°503	+11°003	-3	50.2070	10.0	32I	-5°418	-29°023	-4	...	...	38I	+4°704	+0°179	-5	β	...
...	16°339	-27°378	0.90	51.1887	9.6	...	5°052	+31°518	-3	50.2090	10.0	...	4°821	+8°650	-2	50.2103	10.0
...	16°125	+50°517	-4	...	...	...	5°033	-32°041	-1	51.1908	9.8	...	5°103	-59°868	-3	51.1931	10.0
...	15°835	-29°976	-5	...	...	...	4°853	-8°310	0.70	51.1909	9.8	...	5°308	+3°184	0.80	50.2104	9.8
...	15°709	+15°858	1.00	50.2071	9.4	...	4°839	-35°502	1.20	51.1910	9.2	...	5°329	-38°622	-3	51.1932	10.0
...	-15°707	+37°288	-4	...	...	...	-4°307	-25°857	-4	...	...	...	+5°360	+37°568	-5	b	...
...	15°602	+54°312	1.60	49.2199	8.5	...	4°301	+15°018	-5	...	...	...	5°548	-50°971	0.90	51.1933	9.8
...	15°164	+45°762	1.80	50.2072	8.7	...	4°141	-40°689	-3	...	...	...	5°670	+1°812	-2	50.2105	10.0
...	15°076	-29°797	1.20	51.1889	9.0	...	4°071	+27°263	-3	...	...	...	6°061	-31°465	0.85	51.1934	9.8
...	14°709	+14°472	0.80	50.2073	9.8	...	4°017	-27°089	0.95	51.1911	9.6	...	6°877	-35°638	-4	...	...
27I	-14°707	+9°638	1.00	50.2074	9.4	33I	-3°680	-31°971	0.90	51.1912	9.6	39I	+6°944	-46°332	-3	...	...
...	14°468	-15°774	1.00	51.1890	9.4	...	3°585	-33°536	1.05	51.1913	9.6	...	6°971	-27°218	0.90	51.1935	9.8
...	14°361	-59°257	-1	...	...	...	3°501	+3°744	1.05	50.2091	9.6	S *	7°109	+30°009	1.40	50.2106	8.9
...	14°143	-24°993	0.85	51.1891	9.8	...	3°079	-47°044	-1	...	...	...	7°173	-17°505	0.80	51.1936	9.8
...	13°792	+16°936	-3	...	...	...	2°758	-11°809	1.20	51.1914	9.4	...	7°222	-40°579	3.60	51.1937	7.6
...	-13°777	-48°090	0.80	51.1892	9.8	...	-2°750	-44°562	-2	...	...	...	+7°467	+47°066	1.20	50.2107	9.2
...	13°555	+19°867	-3	...	...	...	2°648	-17°069	0.90	51.1915	9.6	...	7°832	+13°988	-4	b	...
...	13°535	+59°584	-5	...	...	...	2°521	+22°270	-4	...	...	...	8°207	+38°268	-4	a	...
...	12°873	+35°462	0.80	50.2075	9.6	...	2°462	+31°322	-4	...	...	...	8°283	-34°304	-5	...	...
...	12°841	-27°758	0.95	51.1893	9.6	...	2°348	+26°886	-5	m	...	...	8°567	-4°327	1.00	50.2110	9.4
28I	-12°763	+55°511	2.00	49.2201	8.1	34I	-2°038	+56°690	0.85	49.2223	9.8	40I	+8°579	+44°258	-3	50.2108	10.0
S *	12°738	+23°285	-2	50.2076	10.0	...	2°005	-20°204	0.65	51.1916	10.0	...	8°599	+47°704	1.00	50.2109	9.4
...	12°694	+4°220	0.90	50.2077	9.8	...	1°896	+57°115	-4	...	...	...	8°720	+40°334	-5	b	...
...	12°554	+27°635	0.85	50.2078	9.8	...	1°697	+13°421	0.80	50.2092	9.8	...	8°841	-12°295	-1	51.1938	9.8
...	12°073	-24°740	-4	...	...	...	1°290	-27°333	0.80	51.1918	9.8	...	9°068	-59°867	1.05	51.1940	9.4
...	-11°903	+5°748	-5	...	...	...	-1°143	+57°702	-5	m	...	...	+9°163	-44°478	1.00	51.1939	9.4
...	11°270	-48°685	0.70	...	...	...	0°656	+38°798	-5	m	...	...	9°569	+31°620	-3	...	...
...	11°116	+42°158	0.70	50.2079	10.0	...	0°413	-49°776	-4	...	...	...	9°724	+25°584	1.00	50.2111	9.4
...	11°036	+44°592	-2	50.2080	10.0	...	-0°185	+39°146	-5	...	...	...	9°784	-7°933	1.40	51.1941	9.0
...	10°947	-11°625	-1	51.1894	9.8	...	+0°022	+48°166	-4	...	...	...	9°820	-58°193	-3	...	...
29I	-10°789	+59°662	0.95	49.2206	9.6	35I	+0°347	-57°753	0.80	51.1919	10.0	41I	+9°994	-54°481	0.90	51.1942	9.6
...	10°702	+4°402	-3	50.2081	10.0	...	0°574	-43°623	0.80	51.1920	10.0	...	10°303	-48°844	0.65	51.1943	10.0
...	10°649	-51°960	-5	...	...	...	0°726	+24°640	-3	...	...	...	10°588	+24°816	1.30	50.2112	9.0
...	10°420	+47°509	1.20	50.2082	9.0	...	0°788	-47°648	0.90	51.1921	9.8	...	10°776	-47°603	-2	...	...
...	10°269	+34°178	0.65	50.2083	10.0	...	0°953	-57°683	-4	...	...	...	11°053	+6°664	-5	b	...
...	-10°202	+36°381	1.20	50.2084	9.0	...	+1°012	+28°431	-4	...	...	...	+11°260	+15°308	-1	50.2113	10.0
...	10°132	-56°936	-1	51.1895	10.0	...	1°093	-52°741	-5	...	...	...	11°575	+39°041	0.65	...	...
...	9°587	-32°343	0.90	51.1896	9.5	...	1°165	+33°750	0.95	50.2093	9.5	...	12°038	+25°246	-3	...	...
...	9°524	-44°674	1.05	51.1897	9.4	...	1°461	+38°185	-3	...	...	...	12°372	+43°944	-3	...	...
...	9°012	-1°898	2.40	50.2085	8.6	...	1°676	+19°088	1.15	50.2094	9.4	...	12°433	-6°958	1.00	51.1944	9.6

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
421-480						481-540						541-600					
42I	+12°509	-49°248	0.65	51.1946	10.0	48I	+22°327	+6°930	-2	50.2125	9.8	54I	+29°729	+56°814	1.10	49.2261	9.3
...	12°615	-9°714	0.80	51.1945	9.8	...	22°396	-48°040	0.75	51.1968	10.0	†	29°783	-46°375	1.10	51.1988	9.4
...	12°682	+6°942	0.80	50.2114	9.8	...	22°433	-42°577	-3	...	...	...	30°162	-7°925	0.65	51.1987	10.0
...	12°842	+59°097	0.75	49.2245	9.6	...	22°625	-59°891	0.85	51.1969	9.8	...	30°198	+15°505	0.80	50.2135	9.8
...	13°156	-23°238	-3	51.1947	10.0	...	22°761	-16°570	-3	...	...	...	30°262	+5°721	-5	d	...
...	+13°339	-26°461	0.65	51.1948	10.0	...	+22°832	+43°485	0.90	50.2126	9.8	*	+30°292	+5°364	1.05	50.2136	9.4
...	13°361	-55°310	-1	51.1949	10.0	*	22°884	+2°452	0.95	50.2128	9.5	...	30°516	+0°554	-4	...	...
...	13°366	+2°881	-4	...	...	...	22°998	-43°216	-3	...	...	n	30°872	-17°087	-5	51.1990	10.0
...	13°412	-44°094	-4	...	...	*	23°107	+29°457	1.80	50.2127	8.6	...	30°977	-16°234	-5	...	...
*	13°712	+30°206	0.95	50.2115	9.5	...	23°195	+29°612	-5	b	...	n	30°996	-16°806	-4	51.1990	10.0
43I	+13°844	+34°511	-4	...	...	49I	+23°373	-49°625	-3	...	...	55I	+31°461	-36°989	0.75	51.1992	9.6
...	13°931	+41°845	0.65	50.2116	9.8	...	23°637	-22°069	-4	...	...	...	31°498	-37°143	-4	...	...
...	13°947	-54°807	-1	...	...	...	23°849	+11°719	-3	50.2130	10.0	...	31°541	-0°395	0.65	50.2137	10.0
...	14°159	+53°568	0.70	50.2117	10.0	*	23°908	-50°533	1.00	51.1970	9.4	...	31°566	+42°347	-5	...	...
...	14°197	+36°231	-4	...	...	...	23°999	-59°027	-1	51.1972	9.8	...	31°614	-18°992	0.65	51.1991	10.0
...	+14°258	+49°179	-3	...	...	*	+24°014	-45°954	0.90	51.1971	9.6	*	+32°014	+11°723	1.00	50.2138	9.5
...	14°325	-53°642	-1	...	...	...	24°037	+10°693	-3	...	...	...	32°372	+41°090	-3	...	...
...	14°390	+34°388	-5	b	...	...	24°082	-56°214	0.80	51.1973	10.0	...	32°542	-50°936	0.70	51.1993	10.0
...	14°518	-57°510	-5	...	...	...	24°116	+45°440	-3	50.2129	10.0	...	32°589	-30°560	-4	...	...
...	14°529	-49°946	-4	...	...	...	24°408	-38°093	-3	...	...	*	32°639	-58°351	1.10	51.1994	9.4
44I	+15°409	-50°591	-4	...	...	50I	+24°574	+23°142	0.95	50.2132	9.6	56I	+33°120	+11°959	-5	...	...
...	15°417	-56°390	-5	...	...	...	24°706	+38°042	0.80	50.2131	9.8	n	33°261	-45°825	-1	51.1995	9.8
*	15°713	-36°832	1.20	51.1951	9.3	...	24°719	-37°379	0.65	...	...	...	33°347	-51°046	-4	...	...
...	15°749	-38°344	0.65	51.1953	10.0	...	24°754	-31°109	-3	...	...	n	33°355	-45°852	-2	51.1995	9.8
...	15°781	-24°500	-2	51.1952	10.0	*	24°825	+55°406	1.00	49.2257	9.4	...	33°459	-40°422	-5	...	...
...	+16°007	-39°537	0.75	51.1954	10.0	†	+24°867	-36°907	-3	...	...	...	+33°579	-39°733	-5	...	...
...	16°151	-45°830	-5	...	...	...	24°912	-11°430	-3	51.1974	10.0	*	33°813	-10°999	0.80	51.1996	9.8
...	16°267	+5°173	-4	...	...	...	25°046	-57°674	-3	...	...	...	33°855	-44°042	0.65	51.1998	10.0
...	16°551	+31°251	0.85	50.2118	9.6	...	25°396	-33°158	-1	51.1976	10.0	...	33°890	+23°459	-5	b	...
*	16°688	-28°819	1.50	51.1956	8.8	...	25°410	-52°300	0.85	51.1977	9.8	...	33°904	-9°165	-5	...	...
45I	+16°790	-11°965	-3	51.1955	10.0	51I	+25°459	-27°197	1.00	51.1975	9.6	57I	+33°942	+55°280	-2	49.2265	10.0
...	16°831	+28°776	-3	50.2119	10.0	...	25°459	+37°594	-4	...	...	...	34°285	-7°855	-2	51.1997	10.0
...	16°834	-35°806	-4	...	...	...	25°609	-52°011	0.90	51.1978	9.6	...	34°346	+58°809	0.75	49.2266	9.5
...	17°050	-28°531	-3	51.1957	10.0	...	25°667	-22°266	-3	...	...	...	34°373	-59°695	0.95	51.1999	9.6
N	17°150	+20°682	-1	50.2120	9.4	...	25°781	-44°551	0.75	51.1979	9.8	...	34°858	-59°276	-5	...	...
N *	+17°222	+20°654	1.00	...	...	...	+25°881	+32°681	-5	b	...	...	+34°949	-22°963	-3	...	...
...	17°518	+59°141	-5	...	...	...	26°387	-20°842	-3	...	...	...	35°219	+53°840	0.95	49.2268	9.5
S *	17°667	-13°574	1.20	51.1959	9.1	...	26°649	-43°826	0.90	51.1980	9.6	...	35°946	+11°757	-4	...	...
...	17°918	-49°524	0.75	51.1961	9.8	...	26°652	-29°726	-1	...	...	...	36°474	+40°176	-2	...	...
S *	18°174	-42°127	2.10	51.1962	8.0	...	26°816	-57°396	-4	...	...	...	36°496	-46°028	-4	...	...
46I	+18°203	+2°281	-5	...	...	52I	+27°023	-57°152	-5	...	...	58I	+36°932	-6°239	0.65	51.2000	10.0
...	18°736	-51°424	0.65	51.1964	9.8	...	27°029	-20°655	0.85	51.1981	9.8	†	37°004	-35°018	-3	...	...
...	18°737	-15°582	0.90	51.1963	9.5	...	27°177	-42°490	-5	...	...	...	37°056	-42°371	-1	51.2001	10.0
...	18°878	+58°574	-5	...	...	...	27°179	-52°040	-3	...	...	*	37°157	-35°372	1.05	51.2002	9.4
...	18°890	+55°607	-5	...	...	...	27°396	+2°434	-5	d	...	...	37°203	+44°842	-5	...	...
*	+19°420	+57°312	1.40	49.2255	8.8	...	+27°523	+31°083	0.65	50.2133	10.0	...	+37°323	-4°117	0.70	50.2139	9.8
...	19°791	-13°433	-5	...	...	*	27°641	-59°840	0.95	51.1985	9.6	...	37°375	-23°339	-5	...	...
...	19°791	+17°309	-5	...	...	...	27°678	-43°256	0.85	51.1982	10.0	*	37°576	+6°690	0.90	50.2140	9.4
...	19°829	-29°553	-5	...	...	...	27°855	-53°114	0.85	51.1986	10.0	...	37°582	-20°044	-5	...	...
†	19°837	+44°739	-1	50.2121	9.8	...	27°985	-22°873	0.90	51.1983	9.8	...	37°683	-18°225	-5	...	...
47I	+19°873	-23°524	-4	...	...	53I	+28°485	-31°380	-2	...	...	59I	+37°697	-28°182	-2	51.2004	9.4
...	20°004	-4°482	-3	50.2122	10.0	...	28°578	-45°143	-4	...	...	*	37°713	-28°125	1.00	...	...
...	20°361	-44°132	-1	...	...	...	28°777	-53°398	-5	...	...	...	37°705	-40°668	0.65	51.2006	10.0
...	20°576	-0°661	0.80	50.2123	10.0	...	28°885	-36°332	-5	...	...	*	37°941	-46°362	2.20	51.2007	8.2
...	20°864	-56°789	0.75	51.1966	10.0	...	28°920	-37°917	-4	...	...	...	38°174	-31°733	-5	...	...
...	+21°194	+3°462	-3	...	...	...	+29°282	-35°588	-5	...	...	...	+38°215	-13°198	-4	...	...
*	21°438	+43°087	1.00	50.2124	9.6	...	29°431	-7°487	-4	...	...	N *	38°220	+1°295	1.00	50.2142	9.3
...	21°706	-25°644	-3	...	...	...	29°598	+11°733	-3	...	...	N	38°230	+1°241	-3	...	...
...	21°744	-5°900	-4	...	...	...	29°669	-53°069	-3	...	...	...	38°304	-42°048	-1	...	...
...	22°140	-15°792	-2	51.1967	10.0	*	29°685	+23°059	1.10	50.2134	9.4	...	38°444	+48°289	-1	50.2141	10.0

455, 456. 50° 47, mass.
 548, 550. C.P.D., probably mass.
 562, 564. C.P.D., mass.
 597, 598. 50° 47, mass.

Co-ordinates.						Diam.	C.P.D.		Co-ordinates.						Diam.	C.P.D.							
Notes.	x.		y.		-5.	No.	Mag.	Notes.	x.		y.		-5.	No.	Mag.	Notes.	x.		y.		-5.	No.	Mag.
601-660																							
60I	+38°548	-40°162	0.90	51.2008	9.6	66I	+45°488	-37°609	0.75	51.2029	10.0	72I	+56°375	+30°574	0.80	50.2169	9.6						
...	38°670	+13°932	-5	...	...	...	45°493	-15°199	1.00	51.2027	9.4	e	56°420	-30°990	0.70	51.2048	10.0						
...	38°709	-1°663	0.65	50.2143	10.0	...	45°720	+13°413	1.05	50.2158	9.3	†	56°447	+49°668	-5	...	...						
*	39°429	-8°909	1.10	51.2009	9.3	...	45°764	-46°915	1.15	51.2031	9.4	e †	56°483	-45°085	-1	51.2051	9.8						
...	39°542	-3°364	-1	...	...	...	45°804	+47°987	1.40	50.2156	9.0	...	56°528	+51°767	0.75	50.2168	9.6						
...	+39°567	-53°615	-3	51.2013	10.0	...	+45°853	-29°642	0.80	51.2030	10.0	S e *	+56°544	-37°930	1.10	51.2050	9.2						
...	39°619	-40°718	0.70	51.2011	9.8	...	45°920	-8°308	0.85	51.2028	9.6	e	56°676	-43°625	0.85	51.2052	9.8						
...	39°643	-14°576	-5	...	...	...	46°233	-43°745	-5	...	...	*	56°859	+1°219	1.05	50.2171	9.5						
...	39°676	-27°647	0.65	51.2010	10.0	...	46°701	-12°728	0.85	51.2032	9.8	...	56°994	+1°667	-4	...	...						
S *	39°691	+38°679	1.80	50.2144	8.8	*	46°787	-27°788	0.90	51.2033	9.6	e *	57°134	-8°205	0.95	51.2049	9.5						
661-720																							
61I	+39°978	-1°104	-4	...	...	67I	+46°901	-17°708	-3	...	...	73I	+57°152	-8°057	-5	e	...						
...	40°036	-46°220	-1	51.2015	10.0	...	46°928	+49°356	-5	...	...	...	57°196	+24°884	-5	...	...						
...	40°106	+30°082	-2	50.2145	10.0	...	47°228	-42°923	-1	51.2034	10.0	...	57°389	-24°898	-3	e	...						
...	40°123	-39°247	-4	...	...	...	47°290	+45°024	-4	...	...	...	57°403	+58°671	-3	49.2314	10.0						
*	40°143	-8°021	0.95	51.2012	9.5	...	47°328	-52°155	-5	...	...	...	57°551	+48°214	-5	...	...						
...	+40°387	+39°323	-3	50.2146	10.0	*	+47°552	+1°265	1.00	50.2161	9.4	...	+57°920	-54°638	-5	e	...						
...	40°457	-21°712	0.65	51.2014	10.0	...	47°583	+34°972	0.85	50.2160	9.8	e	58°089	-20°871	0.65	51.2055	10.0						
...	40°474	-44°044	0.95	51.2017	9.8	...	47°694	+51°389	-4	...	...	...	58°162	-27°189	-3	e	...						
...	40°594	-24°917	-4	...	...	†	47°817	+49°687	-2	50.2159	10.0	...	58°367	-32°596	-5	e	...						
...	40°631	+35°922	-5	...	...	...	48°165	-29°061	0.80	51.2035	9.8	...	58°738	+37°106	-2	50.2172	10.0						
721-745																							
62I	+40°754	-30°894	-2	51.2016	10.0	68I	+48°335	+39°958	-5	a	...	74I	+58°769	-39°745	-5	e	...						
...	40°807	-29°373	-5	...	...	...	48°462	-32°772	0.90	51.2036	9.8	e	58°905	-29°648	-1	51.2056	9.8						
...	40°869	-26°850	-4	...	...	...	48°571	-51°144	-3	51.2037	10.0	...	59°032	+10°303	-4	...	...						
*	41°056	-15°353	0.95	51.2018	9.4	...	48°641	+12°545	-2	...	...	...	59°294	+11°450	-4	...	...						
*	41°181	-3°595	1.00	50.2148	9.6	...	48°807	-51°480	-2	51.2038	10.0	...	59°627	+42°812	-5	e	...						
...	+41°200	+17°874	0.80	50.2147	9.8	*	+48°902	+56°379	1.00	49.2297	9.6	...											
*	41°278	-53°719	1.00	51.2019	9.4	...	49°195	-42°569	-1	...	...	...											
...	41°374	-50°283	-5	...	...	...	49°447	-30°274	-4	...	...	...											
...	41°435	-51°784	0.95	51.2020	9.6	...	49°568	-54°598	-3	51.2039	10.0	...											
...	41°853	+9°344	-4	...	...	†	49°839	+31°879	1.00	50.2162	9.4	...											
601-660																							
63I	+42°045	-39°567	0.90	51.2021	9.8	69I	+49°919	-40°912	-5	...	...	...											
...	42°067	+59°510	-1	49.2278	9.8	*	50°146	-59°887	1.20	51.2041	9.4	...											
...	42°159	-3°997	-4	...	...	...	50°204	+30°732	0.75	50.2163	9.8	...											
...	42°288	-52°202	-4	...	...	...	50°257	-25°596	-5	...	...	...											
...	42°476	+24°918	-3	...	...	...	51°274	-49°899	-5	...	...	...											
...	+42°606	+5°198	-5	d	...	e *	+51°336	-53°365	2.00	51.2043	8.4	...											
...	42°630	+38°546	-2	50.2149	10.0	...	51°456	+31°933	-5	b	...	...											
...	42°699	-31°739	-3	...	...	...	51°515	-37°350	-5	...	...	...											
...	42°807	-11°960	-4	...	...	e	51°550	-52°130	0.90	51.2044	9.6	...											
...	42°858	-33°503	-5	...	...	...	51°706	-35°247	-4	...	...	...											
661-720																							
64I	+43°154	-15°738	0.85	51.2022	9.8	70I	+51°722	-19°804	-5	...	...	...											
...	43°187	-29°590	-4	...	...	...	51°794	-54°499	-5	e	...	...											
*	43°246	+58°018	0.90	49.2282	9.6	...	52°202	-12°125	-5	...	...	...											
...	43°293	-18°302	-2	51.2023	10.0	...	52°654	-34°473	-4	...	...	...											
...	43°764	+29°957	-5	...	...	...	52°689	+56°762	-5	...	...	...											
...	+43°819	+38°026	-2	50.2150	10.0	...	+52°741	+24°387	-1	50.2164	10.0	...											
...	44°068	-47°452	0.80	51.2024	9.8	...	52°797	-54°027	-3	e	...	...											
...	44°077	-50°834	-2	51.2025	10.0	...	53°417	-56°173	-5	e	...	...											
*	44°373	+31°525	1.30	50.2152	9.2	...	53°464	-40°001	-1	e	...	...											
*	44°595	+25°656	1.00	50.2154	9.3	...	53°478	+30°627	-4	...	...	...											
721-745																							
65I	+44°604	+52°131	-3	50.2151	10.0	71I	+53°535	+28°437	1.10	50.2165	9.2	...											
...	44°679	-29°946	0.70	51.2026	10.0	*	54°126	-13°937	-4	e	...	...											
...	44°696	+39°364	0.80	50.2153	10.0	...	54°438	-48°242	-3	e	...	...											
†	44°815	+13°972	-5	...	...	...	54°624	+20°597	0.70	50.2166	9.8	...											
†	44°845	+55°041	-3	49.2285	10.0	e *	54°919	-9°901	1.20	51.2045	8.9	...											
...	+44°871	-37°698	-4	...	...	e *	+55°094	-13°201	1.20	51.2046	9.0	...											
*	44°953	+43°560	1.20	50.2155	9.4	...	55°305	+47°570	-3	50.2167	10.0	...											
*	45°008	+2°542	0.90	50.2157	9.6	e *	55°528	-19°325	1.10	51.2047	9.2	...											
...	45°256	-53°203	-3	...	...	...	55°846	+8°489	-4	...	...	...											
...	45°429	-39°233	-5	...	...	...	56°230	+12°381	0.65	50.2170	10.0	...											

Notes.	Co-ordinates.		Diam.	O.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-59.934	+47.483	-3	50.2167	10.0	61	-51.652	+31.748	-2	...	...	121	-45.350	+3.011	-5	M	...
...	59.883	-50.838	-5	p	...	...	51.488	-37.865	-1	...	...	...	45.278	+47.203	-3	B	...
E †	59.806	-53.544	2.20	51.2043	8.4	*	51.442	-16.390	0.90	51.2058	9.8	...	45.071	+35.631	-5	M	...
...	59.766	+44.989	-5	A	...	...	51.248	+45.053	-5	D	...	...	45.066	-51.443	-4	...	...
E *	59.636	-52.301	0.90	51.2044	9.6	*	51.214	+15.889	1.00	50.2174	9.5	...	44.946	+26.741	-4	B	...
...	-59.549	+43.319	-5	B	...	...	-51.114	-37.695	-5	...	...	...	-44.924	+56.262	-5	M	...
*	59.531	+20.498	0.80	50.2166	9.8	...	51.019	-31.132	0.65	51.2059	10.0	*	44.844	+28.631	1.05	50.2181	9.4
...	59.286	-54.657	-5	E	...	...	51.006	+45.485	0.70	50.2176	10.0	...	44.842	+5.098	-4	D	...
...	59.258	-34.603	-4	...	...	...	51.002	-1.297	-1	...	...	...	44.837	-14.865	-2	...	...
*	58.895	+51.727	0.90	50.2168	9.6	*	50.899	+3.992	1.20	50.2175	9.0	...	44.732	+34.941	0.95	50.2183	9.8
II	-58.863	+49.635	-4	...	...	71	-50.759	-23.236	-5	...	...	131	-44.657	+28.130	1.80	50.2182	8.6
...	58.625	-14.019	-2	E	...	*	50.591	-22.227	1.10	51.2060	9.4	...	44.615	+43.976	-4	B	...
...	58.544	+8.753	-4	B	...	...	50.276	-19.230	0.65	51.2061	10.0	*	44.494	-22.306	1.00	51.2071	9.6
...	58.386	-13.087	-5	p	...	...	50.235	-22.830	-3	...	...	...	44.490	-36.029	-5	...	...
...	58.320	-54.138	-4	E	...	...	49.823	-23.180	-3	...	...	...	44.347	-25.116	-5	p	...
...	-58.301	+58.658	-1	49.2314	10.0	...	-49.273	-33.996	-4	...	...	...	-44.314	+53.909	-5	M	...
...	58.223	-40.094	-2	E	...	...	49.255	+22.019	-3	...	...	...	44.136	-34.791	-4	...	...
...	58.203	-58.819	-5	p	...	...	49.218	-15.061	-4	...	...	*	44.058	+51.878	1.30	50.2184	9.1
*	58.183	+30.533	1.00	50.2169	9.6	...	49.179	+44.908	0.80	50.2177	10.0	...	43.700	+48.781	-4	...	...
E *	57.977	-9.958	1.20	51.2045	8.9	...	49.111	+4.866	-4	B	...	...	43.660	+27.146	-4	B	...
21	-57.796	+8.452	-1	...	...	81	-49.108	-27.691	-4	...	...	141	-43.646	-2.837	-4	...	...
...	57.717	+48.207	-3	...	...	†	49.068	+0.429	-3	...	...	...	43.630	+24.880	-5	M	...
E *	57.698	-13.251	1.20	51.2046	9.0	...	48.994	-28.216	-4	...	...	...	43.495	+55.638	-4	B	...
...	57.691	-38.075	-5	p	...	...	48.894	-15.037	-4	...	...	...	43.377	-30.722	-5	...	...
...	57.617	-56.271	-4	E	...	...	48.871	+33.367	-3	B	...	*	43.308	-31.591	1.05	51.2072	9.4
*	-57.586	+12.356	0.75	50.2170	10.0	...	-48.617	-40.400	-5	...	...	*	-43.176	-30.162	0.95	51.2073	9.2
...	57.158	+24.887	-4	...	...	*	48.341	-42.874	1.00	51.2062	9.8	...	43.131	-30.188	0.95	51.2073	9.2
E *	56.994	-19.350	1.15	51.2047	9.2	...	48.271	+49.749	-3	...	...	...	43.071	-6.586	0.90	51.2074	9.8
...	56.920	-48.294	-3	E	...	...	48.270	-33.145	-2	...	...	...	43.007	+26.865	-4	A	...
...	56.828	+26.123	-5	M	...	...	48.011	+39.284	-4	B	...	*	43.007	+27.769	1.20	50.2186	9.2
31	-56.714	+19.162	-5	M	...	91	-47.726	+48.149	-3	...	...	151	-43.005	+9.272	0.70	50.2185	10.0
...	56.576	+18.057	-5	M	...	...	47.684	-26.385	-3	...	...	...	42.782	+23.845	0.70	...	...
*	56.504	+1.232	1.05	50.2171	9.5	*	47.559	-50.395	1.40	51.2063	9.2	...	42.762	+10.802	-4	B	...
...	56.382	+1.687	-3	...	...	...	47.472	-45.454	-3	...	...	...	42.661	-50.307	-5	p	...
...	56.083	+37.155	-1	50.2172	10.0	...	47.407	-24.103	-5	p	...	...	42.639	+18.256	-3	...	...
E *	-55.845	-8.174	1.00	51.2049	9.5	...	-47.335	-56.346	-4	...	...	...	-42.554	+16.103	-1	50.2187	10.0
...	55.821	-8.023	-4	E	...	*	47.193	-28.604	1.00	51.2064	9.6	...	42.310	-5.632	0.70	50.2188	10.0
E	55.625	-30.966	0.90	51.2048	10.0	...	46.975	-54.170	-4	...	...	...	42.232	+29.983	-5	M	...
...	55.474	-11.643	-5	p	...	...	46.949	+42.752	-2	...	...	...	42.178	+50.130	-1	50.2190	10.0
...	55.449	+42.900	-4	E	...	...	46.918	-26.320	-3	...	...	...	42.119	+25.607	-4	D	...
41	-55.224	-37.902	1.20	51.2050	9.2	101	-46.792	+58.841	-5	M	...	161	-42.113	+1.251	-4	D	...
SE *	55.015	-45.052	-1	51.2051	9.8	...	46.784	+44.310	-1	50.2178	10.0	...	42.037	+11.843	0.70	50.2189	10.0
E †	54.910	-24.845	-3	E	...	...	46.595	+17.318	-5	M	...	...	42.014	-44.291	-4	...	...
E	54.848	-43.583	0.85	51.2052	9.8	...	46.558	+42.090	0.80	50.2179	10.0	...	41.832	+30.003	-5	M	...
...	54.707	+10.397	-5	...	...	...	46.506	+33.088	-2	...	...	...	41.757	+37.836	-5	M	...
...	-54.674	-16.524	-5	...	...	...	-46.450	-59.266	-2	51.2065	10.0	...	-41.724	+16.898	-3	...	...
...	54.499	+11.556	-1	...	...	...	46.350	-57.929	-4	...	...	...	41.429	+51.660	-4	A	...
E	54.378	-20.792	0.80	51.2055	10.0	...	46.201	-5.254	-2	...	...	...	41.423	+37.667	-4	D	...
...	54.042	-27.102	-1	E	...	...	46.172	+31.238	-2	...	...	...	41.347	+57.771	-3	...	...
...	53.864	+44.723	-1	...	...	...	46.135	-49.524	-2	51.2066	10.0	†	41.011	-29.468	1.00	51.2076	9.4
51	-53.686	-56.766	-5	...	...	111	-46.122	+43.255	0.95	50.2180	9.8	171	-40.998	-6.584	1.00	51.2077	9.3
...	53.677	+41.562	-3	...	...	...	46.100	-44.009	-1	51.2068	10.0	...	40.951	-12.542	-4	...	...
...	53.632	-32.496	-3	E	...	...	46.040	+8.240	0.75	...	...	...	40.812	-36.518	-5	...	...
...	53.490	+54.034	-3	...	...	*	45.974	-57.584	1.15	51.2067	9.4	...	40.782	+28.969	0.65	...	...
...	53.217	+57.156	-3	...	...	...	45.835	-38.213	-4	...	...	...	40.758	+39.056	-4	D	...
E †	-53.207	-29.522	-1	51.2056	9.8	...	-45.539	-43.832	-4	...	...	...	-40.614	-6.531	0.80	51.2078	9.8
...	53.202	+13.345	0.70	50.2173	10.0	...	45.533	+33.989	-3	...	...	...	40.551	-2.886	0.70	50.2192	10.0
...	53.189	-54.534	-5	E	...	...	45.530	+46.471	-4	B	...	...	40.536	-34.790	-4	...	...
...	52.917	-39.609	-5	E	...	*	45.528	-19.907	0.95	51.2069	9.6	...	40.474	+28.009	-3	...	...
...	52.896	-11.444	-5	...	...	*	45.527	-10.404	1.05	51.2070	9.5	*	40.456	-1.456	2.60	50.2191	7.7

MB measured from 1, 191, 381, 617, 897, 1151.

MC " " 75, 281, 492, 780, 1031, 1261.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
181-240						241-300						301-360					
18I	-40'347	+33'684	0.85	50.2194	9.8	24I	-34'024	-10'029	-4	...	...	30I	-28'045	+19'653	-3	...	...
*	40'319	+40'185	-3	...	...	*	33'775	+40'145	1.20	50.2211	9.1	...	27'978	-16'591	-1	...	...
...	40'284	+41'224	-4	D	...	...	33'743	+10'079	-5	M	...	...	27'951	+49'153	-5	M	...
...	40'262	-40'286	-4	...	...	...	33'509	-9'078	-5	...	...	...	27'920	-19'969	-3	...	...
*	40'262	+15'071	1.10	50.2193	9.5	...	33'488	+11'785	-5	M	...	*	27'912	-16'675	1.20	51.2096	9.0
...	-40'258	+55'995	-4	A	...	...	-33'460	+57'782	-5	M	...	...	-27'888	+7'127	-3	...	...
...	40'219	-38'281	-4	...	...	...	33'376	+51'699	-5	M	...	*	27'887	-55'338	0.95	51.2095	9.8
*	40'163	+21'582	0.90	50.2195	9.8	...	33'324	-46'603	-3	...	...	...	27'867	+18'790	-5	M	...
*	40'098	-51'638	0.95	51.2079	9.5	*	33'309	+19'794	0.90	50.2212	9.8	*	27'811	+12'711	1.10	50.2221	9.4
†	40'087	+53'986	-4	...	...	...	33'160	+25'010	-5	M	...	...	27'619	+50'645	0.85	50.2223	9.8
19I	-39'966	-54'130	-5	...	...	25I	-33'044	-46'882	-2	...	...	31I	-27'592	+15'563	0.90	50.2222	9.6
†	39'944	+44'190	-4	...	...	...	32'929	+50'682	-4	B	...	...	27'530	+47'926	-3	...	...
*	39'858	+47'359	1.20	50.2197	9.0	...	32'773	+58'169	-3	...	...	...	27'278	+6'488	-4	B	...
...	39'799	+12'206	0.80	50.2196	10.0	...	32'748	+47'626	-5	M	...	*	27'261	-50'996	1.20	51.2097	9.1
...	39'792	-53'645	-2	...	...	...	32'606	+39'683	-5	M	...	...	27'243	-59'249	-3	51.2098	10.0
...	-39'675	-58'042	-5	p	...	...	-32'667	+40'422	-5	M	...	...	-27'038	+54'815	-2	49.2367	10.0
*	39'604	+49'558	1.15	50.2198	9.2	...	32'661	-8'867	0.70	51.2088	10.0	...	27'025	+26'782	-4	...	...
...	39'551	-56'114	-5	...	...	...	32'597	+57'875	-3	...	...	...	26'944	+29'411	-4	B	...
...	39'506	+5'352	-5	M	...	...	32'562	-16'804	-5	...	...	*	26'879	+49'266	1.60	50.2225	8.6
*	39'499	-58'885	1.00	51.2081	9.6	...	32'515	-59'025	-4	...	...	...	26'850	+23'040	-2	...	...
20I	-39'434	-48'962	1.10	51.2082	9.4	26I	-32'408	-18'054	-4	...	...	32I	-26'673	+10'195	1.00	50.2224	9.4
*	39'407	-35'498	-3	...	...	...	32'347	-55'791	0.90	51.2087	9.8	...	26'604	-16'865	-4	...	...
...	39'264	+32'994	-5	M	...	...	31'831	+12'144	0.70	50.2213	10.0	...	26'359	+56'246	-5	M	...
*	39'152	-13'801	0.95	51.2083	9.8	...	31'560	-45'027	-5	...	...	...	26'217	+40'688	-5	M	...
...	38'700	-12'738	-1	...	...	*	31'521	+37'735	1.10	50.2215	9.3	...	25'880	+54'126	-2	49.2369	10.0
...	-38'668	-27'040	0.70	51.2085	10.0	*	-31'485	-33'631	1.70	51.2090	8.5	...	-25'685	+32'433	-2	...	...
...	38'474	-55'907	-5	...	...	*	31'360	-32'497	0.90	51.2091	9.8	...	25'599	+6'941	-4	...	...
...	38'469	-43'749	-1	51.2084	10.0	...	31'336	+54'802	-2	...	...	...	25'499	+39'532	-5	M	...
...	38'426	+45'994	0.85	50.2200	9.8	*	31'277	+7'656	0.80	50.2214	9.8	...	25'352	+25'316	0.75	50.2226	10.0
...	38'186	+19'976	0.75	50.2199	10.0	...	31'242	-18'125	-1	...	...	†	25'275	-24'493	-1	...	...
21I	-38'027	+34'912	1.20	50.2201	9.4	27I	-31'112	-18'624	-5	...	...	33I	-25'158	-10'217	-4	...	...
*	38'011	+27'517	-5	M	...	...	30'908	+38'993	-5	M	...	...	25'143	-42'249	-4	...	...
...	37'891	-10'065	-5	...	...	...	30'886	+24'260	-5	M	...	...	24'893	-33'162	-5	...	...
...	37'785	+14'863	-4	B	...	...	30'750	+37'236	-1	50.2217	10.0	...	24'884	-23'031	0.70	51.2099	10.0
...	37'697	+4'699	0.80	50.2202	9.8	S *	30'730	+22'017	4.20	50.2216	6.1	...	24'771	+44'381	-3	...	...
...	-37'693	-9'793	-4	...	...	...	-30'671	+49'649	-5	M	...	...	-24'638	+36'696	-1	50.2227	10.0
...	37'606	+7'011	-1	50.2203	10.0	...	30'633	+24'258	-4	B	...	...	24'566	+44'416	-3	B	...
...	37'583	+0'841	-5	M	...	...	30'547	+37'655	-4	...	...	...	24'500	+45'078	-2	...	...
...	37'532	+23'728	-3	...	...	...	30'465	-55'419	-5	p	...	*	24'468	-10'261	0.90	51.2100	9.5
S *	37'511	+50'443	2.10	50.2204	8.2	...	30'348	-16'669	0.65	...	...	S *	24'455	-8'428	3.60	51.2101	7.4
22I	-37'078	-0'238	-2	...	...	28I	-29'882	+48'046	-5	M	...	34I	-24'406	+46'183	-5	M	...
*	37'074	+43'147	1.05	50.2206	9.6	...	29'811	+27'639	-1	...	...	†	24'370	+30'331	-4	B	...
...	36'956	+21'441	-4	B	...	...	29'790	-10'072	-4	...	...	*	24'276	-10'079	1.00	51.2102	9.4
*	36'854	+11'148	0.95	50.2205	9.6	...	29'718	+53'109	-3	...	...	...	24'000	-26'846	-3	...	...
...	36'751	+40'179	-4	D	...	*	29'711	-36'894	1.00	51.2092	9.4	...	23'888	+24'166	-3	A	...
*	-36'734	+33'786	0.95	50.2207	9.8	*	-29'270	-1'142	0.90	50.2218	9.6	...	-23'695	+59'063	-4	B	...
...	36'671	-4'238	-5	...	...	...	29'125	-55'345	-3	51.2093	10.0	*	23'610	-52'655	0.90	51.2104	9.8
*	36'501	+41'273	1.10	50.2208	9.4	*	29'124	-1'713	1.00	50.2219	9.5	...	23'288	+56'727	-4	B	...
...	36'402	+53'029	-1	50.2210	10.0	†	29'030	+45'351	-3	...	...	...	23'235	+51'268	-3	...	...
...	36'365	+13'359	-4	...	...	29I	28'903	-48'424	-4	...	...	...	23'087	+26'494	-5	M	...
23I	-36'331	+27'488	1.30	50.2209	9.1	...	-28'901	+5'919	-4	B	...	35I	-22'955	-22'067	-3	...	...
*	36'271	-31'102	-5	...	...	...	28'888	+31'653	-3	...	...	*	22'694	+51'238	1.00	50.2228	9.4
...	35'969	+31'595	-5	M	...	*	28'836	+20'259	1.05	50.2220	9.3	...	22'636	-2'655	-3	...	...
...	35'873	+43'223	0.80	...	...	...	28'826	-23'487	-5	...	...	...	22'584	+24'009	-3	A	...
...	35'790	-1'836	-4	...	...	...	28'549	-17'666	-4	...	...	*	22'566	+54'848	1.10	49.2377	9.5
...	-35'735	+44'524	-3	...	...	...	-28'477	-39'918	-4	...	...	*	-22'497	+40'675	1.70	50.2229	8.6
...	35'546	+16'744	-4	...	...	*	28'343	-11'995	1.00	51.2094	9.4	...	22'421	+15'705	-4	B	...
...	35'160	-21'355	-5	p	...	...	28'337	+48'712	-5	M	...	...	22'142	+52'678	-4	B	...
...	34'493	+45'852	-4	B	...	...	28'245	+22'576	-4	B	...	...	22'123	+19'570	-4	B	...
...	34'349	-52'231	-5	...	...	...	28'195	-50'134	-4	...	...	...	22'062	-10'761	-5	...	...

Notes.	Co-ordinates.		Diam.	O.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	γ.		No.	Mag.		α.	γ.		No.	Mag.		α.	γ.		No.	Mag.
361-420						421-480						481-540					
36I	-22°012	-11°413	0.70	...	...	42I	-16°628	+29°884	0.75	50.2241	9.8	48I	-10°832	+7°372	0.90	50.2248	10.0
...	21°969	+54°401	-4	A	...	...	16°575	+59°392	-4	A	...	...	10°824	-3°678	-3	...	...
...	21°822	-22°098	-3	...	...	...	16°479	-47°135	0.80	51.2110	10.0	...	10°790	-6°122	-3	...	...
*	21°760	+5°202	0.90	50.2230	9.8	...	16°278	-46°131	-5	p	...	...	10°779	+13°787	0.70	50.2249	10.0
...	21°598	+34°986	-3	...	...	...	16°234	+5°079	-3	...	...	...	10°715	+38°596	0.65	...	...
...	-21°506	+39°402	-2	...	...	...	-16°036	-35°463	0.65	...	...	...	-10°574	+26°483	-5	M	...
...	21°461	+13°402	-3	B	...	...	16°004	-27°257	-5	...	...	...	10°552	-52°881	0.70	51.2116	10.0
...	21°390	+18°610	-4	B	...	...	16°001	+19°051	0.65	...	...	...	10°504	+41°619	-3	...	...
*	21°186	-40°860	0.90	51.2105	9.8	*	15°896	+16°405	1.20	50.2242	9.2	...	10°424	+55°415	-5	M	...
S *	21°080	-54°697	1.55	51.2106	8.3	...	15°867	+6°643	-5	M	...	*	10°406	+31°597	1.10	50.2250	9.5
37I	-20°942	+45°555	-5	M	...	43I	-15°158	-16°581	0.65	51.2111	10.0	49I	-10°263	-56°799	-1	...	...
...	20°713	+18°720	1.00	50.2231	9.4	†	14°792	+15°396	-5	M	...	...	10°009	+49°678	0.70	...	...
...	20°678	-3°597	-4	...	...	...	14°749	+40°231	-5	M	...	*	9°995	+28°093	0.95	50.2251	9.7
...	20°664	-7°443	-4	...	...	...	14°662	+38°117	-5	M	...	...	9°718	+34°660	-3	...	...
...	20°621	+38°618	-4	...	...	...	14°645	+38°233	-1	...	...	*	9°547	-40°674	1.20	51.2117	9.2
...	-20°466	+15°526	-5	M	...	...	-14°624	-5°841	-5	p	...	...	-9°489	+25°437	-3	...	...
...	20°377	+23°824	-4	B	...	...	14°395	-9°075	-5	p	...	...	9°407	+40°557	0.85	...	...
...	20°284	-31°903	-2	...	...	...	14°044	+35°593	-5	M	...	*	9°359	-11°981	1.00	51.2118	9.6
...	20°245	+18°247	-5	M	...	...	13°968	-10°632	-2	...	...	*	9°339	-11°194	1.10	51.2119	9.5
...	20°168	+47°634	-3	...	...	...	13°962	+49°213	-2	...	...	...	9°232	+25°661	-3	...	...
38I	-19°928	-8°384	-4	...	...	44I	-13°898	+48°084	-3	...	...	50I	-9°212	+47°498	0.90	50.2252	10.0
...	19°755	+43°855	-5	M	...	...	13°885	+49°109	-3	A	...	*	9°206	+31°866	1.15	50.2253	9.4
...	19°701	-2°095	-2	...	...	...	13°750	+10°469	-5	M	...	...	9°078	-6°050	-5	p	...
...	19°609	-14°782	-5	...	...	*	13°704	+52°587	1.60	50.2243	8.4	...	9°067	-50°915	-5	p	...
...	19°447	+28°226	-4	D	...	...	13°634	+40°866	-5	M	...	...	9°029	+27°214	-4	B	...
...	-19°411	-21°030	0.70	51.2107	10.0	...	-13°573	+23°669	-5	M	...	...	-9°009	-2°055	-5	...	...
*	19°348	-35°913	1.15	51.2108	9.2	...	13°403	-24°716	-3	...	...	...	9°005	-4°177	-5	p	...
*	19°244	+41°922	1.20	50.2232	9.0	...	13°303	-31°724	0.70	...	...	...	8°778	+56°649	-4	B	...
...	19°238	-20°137	0.75	51.2109	10.0	...	13°212	+50°216	0.70	50.2244	10.0	...	8°640	+31°521	-5	M	...
*	19°128	-2°002	0.95	50.2233	9.8	...	13°026	-16°459	-5	...	...	...	8°627	-0°719	-4	...	...
39I	-18°995	+25°463	-5	M	...	45I	-12°895	+27°897	-4	B	...	51I	-8°551	+23°873	-4	D	...
...	18°971	-4°437	-3	50.2234	10.0	...	12°871	+33°935	-4	B	...	...	8°436	-51°814	-3	...	...
...	18°928	+33°216	0.70	50.2235	10.0	*	12°796	+57°670	0.95	49.2391	9.8	...	8°434	-20°660	-3	...	...
*	18°843	+44°347	1.00	50.2236	9.6	...	12°733	-0°367	0.65	50.2245	10.0	...	8°037	+36°059	-5	M	...
...	18°821	+49°399	-4	B	...	...	12°668	+9°394	-4	B	...	*	8°019	+37°977	1.60	50.2254	8.6
...	-18°564	-58°690	-4	...	...	...	-12°496	-18°274	0.80	51.2114	10.0	...	-7°998	+24°882	-3	...	...
...	18°400	+1°282	-5	M	...	...	12°282	-22°606	-5	p	...	*	7°998	-14°161	1.20	51.2120	9.3
...	18°367	+17°557	-2	...	...	...	12°207	+48°963	-3	...	...	...	7°883	-3°526	-5	...	...
*	18°329	+59°236	0.80	49.2386	9.8	...	12°184	-5°661	-5	...	...	...	7°870	+5°895	-5	M	...
...	18°260	+16°583	-5	M	...	...	12°089	-49°941	-5	...	...	...	7°851	+15°783	-3	...	...
40I	-18°167	-24°116	-5	...	...	46I	-12°081	+12°870	-4	B	...	52I	-7°707	+40°729	-4	B	...
...	18°098	+14°871	-4	B	...	...	12°028	+40°527	0.75	...	...	...	7°633	-24°156	-4	...	...
...	17°919	+28°673	-5	M	...	...	12°028	-5°125	-3	...	...	...	7°556	+21°908	-4	B	...
...	17°745	+37°423	-2	...	...	...	11°999	-17°696	0.65	...	...	*	7°431	+15°524	1.00	50.2255	9.6
...	17°698	+12°217	-3	...	...	...	11°950	-35°405	0.65	...	...	...	7°310	+19°652	-3	B	...
...	-17°667	+7°241	-5	M	...	...	-11°888	-38°446	-3	...	...	*	-7°305	+27°622	0.95	50.2256	9.6
...	17°637	+31°111	-5	M	...	...	11°819	+15°761	-5	M	...	...	7°256	-52°523	-4	...	...
...	17°573	+25°817	-5	M	...	...	11°758	+15°649	-5	M	...	...	7°199	+57°346	-1	...	...
...	17°550	-16°374	-4	...	...	...	11°403	+25°913	-2	...	...	...	7°110	+41°593	-5	M	...
...	17°525	+53°920	-5	M	...	...	11°374	+29°908	-5	M	...	...	7°004	-11°876	-5	p	...
41I	-17°432	-58°349	-5	...	...	47I	-11°328	+18°154	0.75	...	...	53I	-6°960	+28°621	-5	M	...
...	17°275	+42°977	0.90	50.2237	9.8	...	11°328	+45°109	0.80	...	...	...	6°919	-23°790	-5	...	...
...	17°260	+60°152	-5	M	...	...	11°173	+32°795	-4	D	...	...	6°902	+45°800	-3	...	...
...	17°081	+36°918	-5	M	...	...	11°098	+41°003	0.70	...	...	...	6°899	-17°159	-4	...	...
...	17°076	+49°815	-2	...	...	*	11°016	+37°747	0.95	50.2246	9.8	...	6°880	+42°729	-1	50.2257	10.0
...	-17°064	+39°994	0.70	50.2238	9.8	...	-11°003	+30°754	0.65	50.2247	10.0	...	-6°809	-45°221	-4	...	...
...	16°924	+15°780	-5	M	...	...	10°958	-9°659	-5	...	...	*	6°784	+29°971	1.05	50.2258	9.3
...	16°884	+11°078	0.75	50.2239	10.0	...	10°938	-55°296	0.90	51.2115	9.8	...	6°773	-11°963	-2	...	...
...	16°663	-25°960	-4	...	...	...	10°914	+25°551	-5	M	...	...	6°771	+26°945	0.70	50.2259	10.0
...	16°647	-2°141	-1	50.2240	10.0	...	10°907	-30°635	-2	...	...	†	6°694	+30°355	1.00	50.2260	9.2

Co-ordinates.						Diam.	C.P.D.		Co-ordinates.						Diam.	C.P.D.	
Notes.	No.		Y.		-4.		No	Mag.	Notes.	No.		Y.		-4.		No	Mag.
541-600																	
54I	-6.585	-35.327	-3	...	...	...	...	...	60I	-1.175	+28.503	-3	Bm	...	...	...	...
...	6.575	+43.345	1.20	50.226I	9.2	...	...	...	...	0.967	+12.339	0.85	50.2267	9.9	...	...	...
*	6.553	-35.254	-3	...	...	...	...	...	...	0.957	+12.053	-4	Mb	...	...	...	...
...	6.523	-13.638	1.05	51.212I	9.5	...	...	...	...	0.904	-51.383	-4	...	...	...	...	...
*	6.517	-5.102	1.10	50.2262	9.6	...	...	...	...	0.896	+23.940	-1	...	...	...	...	...
...	-6.347	+47.021	-3	B	...	...	...	...	...	-0.740	+51.182	-5	Mm	...	...	...	...
...	6.042	-0.200	-4	...	...	...	...	...	...	0.705	-32.442	-3	...	...	...	...	...
...	6.032	+21.423	-2	B	...	...	...	...	...	0.645	+1.059	-3	Bm	...	...	...	...
*	5.874	-43.656	1.00	51.2122	9.6	...	...	...	...	0.637	+36.583	-4	Mb	...	...	...	...
...	5.824	-8.634	-5	p	...	...	...	...	...	0.621	+35.116	-3	Bm	...	...	...	...
601-660																	
55I	-5.809	+2.459	1.05	50.2263	9.7	...	...	...	61I	-0.371	+26.294	-2	...	...	...	...	...
*	5.696	-2.616	-4	...	...	...	...	...	...	0.332	-34.444	-4	...	...	...	...	...
...	5.679	+31.138	-4	D	...	...	...	...	...	0.230	+32.771	-1	50.2268	10.0	...	...	...
...	5.582	-39.081	-3	...	...	...	...	...	...	0.228	+22.893	-5	Mm	...	...	...	...
...	5.562	+39.231	-4	...	...	...	...	...	...	0.192	-32.252	0.90	51.2131	9.7	...	...	...
...	-5.422	-55.182	-1	51.2123	10.0	...	...	...	...	-0.177	+16.753	-4	Bm	...	Nn *	+3.852	+13.079
*	5.265	-51.190	1.10	51.2124	9.5	...	...	...	...	-0.016	+6.446	-4	Dd	...	...	3.854	+50.886
...	5.251	-32.846	-5	...	...	...	...	...	...	+0.028	+1.209	-4	Mb	...	Nn	3.871	+13.152
...	5.224	+8.827	-4	D	...	...	...	...	...	0.036	+13.966	-3	M	...	...	4.001	+38.989
...	5.208	-38.442	-3	...	...	...	...	...	...	0.042	+52.004	-4	Bm	...	*	4.036	+12.544
661-720																	
56I	-5.183	30.362	-5	...	...	...	...	...	62I	+0.122	+60.024	-5	Mm	...	68I	+4.064	+52.607
...	5.043	-17.250	-5	...	...	...	...	...	...	0.160	+14.731	-5	Mm	...	...	4.084	-7.172
...	5.003	-1.182	-2	...	...	...	...	...	...	0.170	+29.117	-3	Bm	...	*	4.136	-8.606
...	4.950	-34.668	-4	...	...	...	...	...	...	0.572	+15.581	1.20	50.2269	9.5	...	4.152	+36.418
...	4.899	+8.244	-4	D	...	...	...	...	...	0.614	+45.848	-4	Dd	...	...	4.210	+14.222
*	-4.883	-27.951	0.90	51.2125	9.8	...	...	...	...	+0.763	-10.003	-4	...	...	...	+4.251	-15.888
...	4.597	-6.338	-5	...	...	...	...	...	...	0.839	-1.626	-5	...	...	...	4.306	+1.671
...	4.446	+54.424	-1	...	...	...	...	...	...	0.918	+5.116	0.65	50.2270	10.0	...	4.311	+16.124
...	4.204	+47.299	-4	B	...	...	...	...	...	0.939	-10.679	-4	...	...	...	4.353	+17.202
...	4.123	-33.349	-4	...	...	...	...	...	...	0.968	+6.481	-3	Bm	...	...	4.411	+13.823
661-720																	
57I	-4.108	-23.401	0.70	51.2126	10.0	...	...	...	63I	+0.984	+7.753	-4	Bm	...	69I	+4.508	+28.148
...	4.050	+28.122	-5	M	...	...	...	...	...	1.093	-20.770	-4	...	...	...	4.542	+21.120
...	3.764	+23.850	-2	...	...	...	...	...	...	1.188	+50.698	-5	Mm	...	*	4.561	+10.808
*	3.673	-29.383	0.90	51.2127	9.8	...	...	...	...	1.285	+27.657	-4	M	...	...	4.650	-2.485
*	3.668	-38.806	1.00	51.2128	9.6	...	...	...	...	1.287	-38.538	-5	...	...	*	4.664	-24.289
...	-3.571	-28.526	-5	...	...	...	...	...	...	+1.379	+8.782	-5	Mm	...	...	+4.687	+12.878
...	3.534	-21.266	-5	...	...	...	...	...	...	1.480	+49.719	-2	...	...	*	4.688	+0.613
*	3.491	+11.280	1.05	50.2264	9.4	...	...	...	...	1.560	-1.145	-4	...	...	...	4.696	+38.158
...	3.304	-24.655	-4	...	...	...	...	...	...	1.609	+44.027	-4	Mb	...	*	4.727	-16.291
...	3.200	-31.165	-2	...	...	...	...	...	...	1.629	+6.807	-4	Bm	...	...	4.754	-40.905
661-720																	
58I	-3.044	-8.788	-5	...	...	...	...	...	64I	+1.700	+1.089	2.00	50.2271	8.4	70I	+4.774	+27.923
...	2.960	-4.113	-5	...	...	...	...	...	S *	1.877	-52.526	-3	...	...	...	4.980	-23.462
...	2.880	+11.544	-5	Mm	...	...	...	...	...	1.888	-33.959	1.20	51.2132	8.9	...	5.009	-14.065
*	2.834	-28.042	0.95	51.2130	9.7	...	...	...	...	2.035	+44.280	-4	m	...	...	5.042	+31.620
...	2.807	+5.523	-1	50.2265	10.0	*	...	...	...	2.040	-21.174	1.00	51.2133	9.6	...	5.072	+3.136
...	-2.625	-11.264	-3	...	...	...	...	...	...	+2.069	-2.866	-5	...	...	...	+5.108	+16.946
...	2.452	+14.418	-4	Bm	...	...	...	...	...	2.261	+9.264	-3	M	...	...	5.136	+6.300
...	2.365	-16.353	-4	...	...	...	...	...	...	2.275	+48.245	-3	...	...	*	5.146	-8.142
...	2.226	+10.554	-5	Mm	...	...	...	...	...	2.289	+60.141	-3	...	...	...	5.179	+35.524
...	2.207	+32.521	-4	Dd	...	...	...	...	...	2.296	+10.631	-4	Bm	...	...	5.269	-47.472
661-720																	
59I	-2.183	-28.790	-4	...	...	...	...	...	65I	+2.297	+39.045	-4	c	...	71I	+5.316	+0.317
*	2.086	+54.809	1.20	49.2403	9.4	...	...	...	...	2.405	+28.925	-2	...	...	...	5.435	-44.248
...	2.014	+42.967	-5	Mm	...	...	...	...	...	2.413	+19.065	-3	M	...	...	5.477	-36.860
*	1.911	+37.889	1.15	50.2266	9.4	...	...	...	...	2.509	-54.798	-4	...	...	...	5.495	-5.753
...	1.675	-13.862	-5	...	...	...	...	...	...	2.582	-5.069	-5	...	...	...	5.573	+16.431
...	-1.544	-46.919	-4	...	...	...	...	...	...	+2.583	+20.782	1.40	50.2272	9.0	...	+5.596	+12.860
...	1.497	+49.889	-5	Mm	...	...	...	...	...	2.619	-54.116	-5	...	...	...	5.626	-18.333
...	1.405	+41.403	-4	Mb	...	...	...	...	...	2.671	+9.015	0.70	50.2273	10.0	*	5.830	+15.034
...	1.314	+11.954	-4	Mb	...	...	...	...	...	2.746	-26.510	-5	...	...	...	5.916	+11.964
...	1.248	+11.400	-5	Mm	...	...	...	...	...	2.770	+58.368	-3	...	...	...	5.976	+29.218

676, 678. 50° 48, mass. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.				
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.			
721-780						781-840						841-900								
72I	+	5.978	-26.275	0.90	51.2139	9.8	78I	+	9.982	+20.500	-5	m	84I	+	15.479	-30.774	-3	...		
*	6.143	+31.850	1.05	50.2285	9.6	...	...	10.102	-40.556	-4	...	...	*	15.594	-52.669	0.90	51.2157	9.8		
...	6.170	-10.103	0.80	51.2140	9.8	...	...	10.221	-39.961	0.70	51.2145	10.0	...	15.598	+21.550	-3	...	...		
...	6.181	+21.562	-3	b	...	...	...	10.242	-32.489	-4	...	...	...	15.646	-4.924	-5	p	...		
...	6.327	-20.720	-5	...	...	...	...	10.254	+12.850	-3	...	...	...	15.783	-8.678	-5	...	...		
...	+	6.470	+22.721	-2	...	...	...	+10.271	-21.530	-4	...	...	...	+15.787	+48.495	-2	...	...		
*	6.545	+6.189	1.10	50.2287	9.6	...	...	10.340	-10.152	-4	...	...	...	15.825	+12.288	-3	...	...		
...	6.553	+6.981	-3	...	...	...	...	10.527	-36.972	-1	...	...	...	15.922	+22.100	0.95	50.2299	9.7		
*	6.613	+25.851	1.05	50.2286	9.6	...	...	10.535	-37.764	-5	p	...	...	16.075	-23.990	0.70	51.2158	10.0		
...	6.763	-39.958	-3	...	...	...	...	10.568	+29.445	0.70	...	...	...	16.334	+7.305	-5	m	...		
73I	+	6.841	+21.680	-5	m	...	79I	+	10.622	-14.123	-1	51.2146	10.0	85I	+	16.367	-6.958	-3	...	
...	6.851	+19.656	-4	d	...	...	...	10.661	+33.096	0.70	50.2293	10.0	...	16.378	-11.023	0.80	51.2159	10.0		
...	6.898	+22.406	-5	m	...	...	...	10.686	-27.541	-1	51.2147	10.0	...	16.444	-41.924	-1	...	...		
...	6.904	+19.913	-3	...	...	...	...	10.789	+47.477	-3	b	...	*	16.510	-28.586	1.80	51.2160	8.7		
...	6.980	+6.960	-2	50.2288	10.0	...	...	10.882	+51.018	-1	...	...	...	16.821	+0.768	-4	d	...		
...	+	7.006	+38.737	-5	m	...	...	+10.996	-53.971	-3	...	...	S *	+16.844	+51.451	1.70	50.2300	8.6		
...	7.008	+7.073	-5	m	...	...	...	11.081	-22.418	0.80	51.2148	10.0	...	16.868	-27.626	-2	51.2161	10.0		
...	7.021	+57.610	-5	d	...	...	...	11.137	+15.423	-3	50.2294	9.9	...	16.883	-54.918	-5	p	...		
...	7.031	-32.768	-5	...	...	...	...	11.210	-2.341	-2	...	...	...	16.932	-38.218	-2	...	...		
...	7.101	-41.098	0.70	51.2141	10.0	...	...	11.338	+38.488	0.85	50.2295	10.0	...	17.042	+56.660	-3	...	...		
74I	+	7.146	+31.668	-5	m	...	80I	+	11.341	-23.861	0.95	51.2149	9.6	86I	+	17.372	+4.523	-3	...	
...	7.181	+19.154	-4	b	...	...	...	11.393	+3.242	-5	m	...	...	...	17.441	-55.070	-5	p	...	
*	7.184	+1.877	1.00	50.2289	9.7	...	...	11.611	-57.886	-5	p	...	...	...	17.444	+47.416	-4	b	...	
...	7.278	+11.859	-4	d	...	...	...	11.720	+52.170	-2	...	...	...	...	17.513	+42.349	-5	m	...	
...	7.323	-15.646	-4	...	...	S *	...	11.773	-41.862	1.40	51.2151	8.4	...	17.569	-48.445	-4	...	...		
...	+	7.365	+19.593	-4	d	...	...	+11.867	-35.785	0.70	...	...	...	+17.584	-58.616	-3	...	...		
...	7.383	-31.297	0.70	51.2142	10.0	...	...	11.946	+41.241	-5	m	...	...	...	17.621	-35.518	-4	...	...	
...	7.448	+18.057	-4	b	...	*	...	11.983	+8.485	0.95	50.2296	9.7	*	17.773	+51.108	0.95	50.2301	9.8		
...	7.642	-26.722	-2	...	...	...	...	12.016	+18.896	-5	m	...	*	17.794	-39.962	1.00	51.2164	9.3		
...	7.666	-46.319	-5	...	...	...	...	12.109	+37.558	-3	...	...	...	17.795	-16.977	-5	...	...		
75I	+	7.753	-29.915	-5	...	...	81I	+	12.117	-41.916	-5	...	...	87I	+	17.803	-25.771	0.80	51.2163	9.8
...	7.888	-47.026	0.65	...	...	...	...	12.391	-35.518	-3	...	...	...	...	17.866	+42.247	-5	m	...	
...	7.934	+47.433	-1	...	...	...	...	12.755	-20.981	-5	p	...	...	...	17.877	-33.044	-5	...	...	
...	7.945	+48.606	0.65	...	...	...	...	12.755	-46.966	-3	...	...	*	17.892	-22.486	2.20	51.2165	8.3		
...	7.985	+13.808	0.90	50.2291	9.8	...	...	12.771	-1.853	-3	...	...	...	17.923	-45.558	-2	...	...		
...	+	7.989	-18.217	-5	...	...	...	+12.972	-52.484	-5	...	...	...	+17.930	+0.985	-4	d	...		
*	8.199	+52.692	0.95	50.2290	9.8	...	...	13.099	-25.747	-4	...	...	*	17.957	-7.287	1.00	51.2162	9.7		
...	8.224	+33.981	0.65	...	...	...	...	13.185	+47.375	-3	...	...	...	17.974	-40.188	-4	...	...		
...	8.326	+12.657	-4	...	...	...	...	13.433	-39.533	-5	p	...	...	18.164	+42.862	-4	d	...		
...	8.330	+54.929	0.70	49.2418	10.0	...	...	13.474	+26.463	-4	b	...	...	18.188	+42.559	0.65	...	...		
76I	+	8.432	+5.922	-5	m	...	82I	+	13.646	+38.117	-2	...	...	88I	+	18.305	-51.493	1.10	51.2166	9.4
...	8.551	+26.138	-5	m	...	...	...	13.652	-4.885	0.80	50.2297	10.0	...	...	18.418	-40.831	0.75	51.2167	10.0	
...	8.621	-39.747	-2	...	...	...	...	13.825	+28.668	-2	...	...	...	...	18.577	-11.864	-2	...	...	
...	8.763	+56.708	-5	m	...	...	...	13.963	-58.603	0.90	51.2152	10.0	...	...	18.580	-19.752	-5	...	...	
*	8.785	-29.322	0.95	51.2143	9.7	...	...	14.017	+5.389	-5	m	...	...	...	18.582	+50.147	-3	...	...	
...	+	8.819	+22.590	-4	b	...	...	+14.186	-10.675	-3	...	...	*	+18.640	+29.781	1.00	50.2302	9.6		
...	8.838	-22.679	-5	...	...	...	...	14.318	-32.569	-4	...	...	*	18.708	-5.708	1.00	50.2304	9.6		
...	9.028	-33.515	-4	...	...	...	...	14.422	-49.874	-1	...	...	...	18.982	-33.322	-4	...	...		
...	9.082	+39.847	-1	...	...	...	...	14.432	-52.879	-4	...	...	...	19.011	-36.575	0.75	51.2168	10.0		
...	9.083	-27.288	-3	...	...	*	...	14.542	-42.441	1.40	51.2153	8.8	*	19.020	-41.204	0.95	51.2169	9.8		
77I	+	9.105	-0.643	-5	...	...	83I	+	14.625	-31.844	-4	...	...	89I	+	19.140	+39.160	-2	...	...
...	9.186	+28.156	-3	...	...	...	...	14.633	+46.393	-3	...	...	...	*	19.167	+50.768	1.00	50.2303	9.6	
...	9.268	-14.981	-3	...	...	...	...	14.789	+15.140	-2	...	...	...	...	19.352	+24.502	-3	...	...	
*	9.306	+29.648	1.20	50.2292	9.3	...	...	14.805	+42.586	-4	...	...	*	19.470	+59.547	1.00	49.2433	9.4		
...	9.357	-33.159	-3	...	...	...	...	14.844	-4.266	0.90	50.2298	9.9	...	19.511	+5.907	-4	...	...		
...	+	9.397	-18.961	-4	...	...	...	+14.911	-35.178	0.75	51.2154	10.0	...	+19.753	+45.830	-4	b	...		
...	9.580	+39.704	-5	m	...	*	...	15.059	-28.461	1.00	51.2155	9.4	...	19.927	-50.940	-5	...	...		
...	9.728	-14.433	-4	...	...	...	...	15.112	+4.085	-2	...	...	...	20.061	-56.289	-5	...	...		
...	9.832	-50.370	-5	...	...	...	...	15.291	-57.195	0.90	51.2156	9.8	...	20.066	+37.865	-1	50.2305	10.0		
†	9.902	-28.222	0.75	51.2144	10.0	...	...	15.342	-43.384	-5	p	...	...	20.116	+3.325	-3	...	...		

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>	-4.	No	Mag.		<i>x.</i>	<i>y.</i>	-4.	No	Mag.		<i>x.</i>	<i>y.</i>	-4.	No	Mag.
901-960						961-1020						1021-1080					
90I	+20.172	-16.868	-5	...	...	96I	+25.126	-15.011	-5	...	...	102I	+28.971	+35.533	1.05	50.2322	9.5
...	20.183	+0.648	-4	<i>d</i>	...	...	25.250	-0.743	1.10	50.2316	9.3	...	28.997	-33.117	-5	...	...
*	20.439	-22.100	1.05	51.2170	9.6	...	25.311	-16.919	-1	51.2180	10.0	...	29.048	-14.089	-4	...	...
...	20.692	+1.513	-5	<i>m</i>	...	...	25.314	+37.348	0.65	...	...	...	29.219	+33.080	-3	<i>b</i>	...
...	20.695	-23.226	-5	...	...	...	25.359	+8.478	-5	<i>m</i>	...	*	29.326	-28.596	0.90	51.2186	9.6
...	+20.811	+8.396	-5	<i>m</i>	...	...	+25.397	-10.726	0.80	51.2178	9.9	...	+29.341	+15.467	-4	...	...
...	20.957	+59.602	-1	49.2435	10.0	†	25.666	-9.573	0.90	51.2181	9.6	<i>n</i>	29.546	+27.874	-3	50.2325	10.0
...	20.996	+33.277	-3	...	...	...	25.885	+52.557	0.95	50.2315	9.7	*	29.648	-31.698	1.10	51.2187	9.4
...	21.051	-37.701	-5	...	...	...	25.913	-24.328	-5	...	...	<i>n</i>	29.656	+27.750	-1	50.2325	10.0
...	21.140	-12.441	-3	...	...	...	26.163	-11.049	-3	...	...	...	29.732	-31.327	-4	...	...
91I	+21.142	+48.756	-4	<i>b</i>	...	97I	+26.283	-15.634	-4	...	...	103I	+29.887	+17.773	-5	<i>m</i>	...
...	21.238	-1.511	-4	...	...	...	26.318	-53.125	-4	...	...	...	29.988	+9.561	-4	<i>d</i>	...
...	21.283	-50.531	-4	...	...	...	26.338	+18.633	-5	<i>m</i>	...	...	30.188	-17.061	-4	...	...
...	21.404	-10.816	-4	...	...	...	26.347	-38.006	-5	...	...	...	30.208	-2.362	-3	...	...
...	21.426	+57.885	-2	...	...	...	26.458	+53.409	0.90	50.2317	9.8	...	30.260	-38.898	-5	...	...
...	+21.559	+15.752	-5	<i>m</i>	...	...	+26.568	+28.790	-5	<i>m</i>	...	...	+30.268	+1.677	0.70	50.2326	10.0
...	21.568	-37.317	0.65	...	...	...	26.585	-3.294	-5	...	...	...	30.268	-29.888	-4	...	...
...	21.709	+18.378	0.75	50.2306	10.0	...	26.590	-55.352	-4	...	...	...	30.445	-33.757	-2	...	...
...	21.843	+0.100	0.65	<i>β</i>	...	...	26.611	-41.884	-4	...	...	...	30.451	-18.997	-4	...	...
...	21.941	+34.482	0.80	50.2307	10.0	...	26.740	-17.183	-2	...	...	*	30.496	-41.090	1.10	51.2189	9.5
92I	+22.168	+3.769	-4	<i>b</i>	...	98I	+26.759	-9.986	-5	<i>p</i>	...	104I	+30.501	-31.699	1.00	51.2188	9.5
...	22.174	-54.008	-4	...	...	...	26.803	-5.179	-3	...	...	*	30.765	-37.942	1.10	51.2190	9.4
...	22.189	+51.204	-3	<i>b</i>	...	...	26.837	-56.887	-1	...	...	...	30.820	-19.411	-4	...	...
...	22.200	+19.284	-5	<i>m</i>	...	...	26.872	+41.959	-3	...	...	...	30.870	-53.036	-5	...	...
...	22.266	-0.443	-1	50.2308	10.0	...	26.994	-49.506	-4	...	...	...	30.893	+34.824	-4	<i>d</i>	...
...	+22.285	-35.202	-3	...	...	...	+27.137	-28.113	-5	...	...	†	+30.924	-14.467	-4	...	...
...	22.508	+27.144	-3	...	...	...	27.411	-13.372	-4	...	...	...	31.196	-12.832	0.70	...	...
...	22.522	-41.356	-5	...	...	...	27.415	-43.786	-5	...	...	...	31.385	+6.887	-3	<i>b</i>	...
...	22.960	-4.019	-5	...	...	...	27.435	-25.583	0.75	51.2182	9.9	...	31.407	-30.418	-3	...	...
...	22.986	-20.614	0.75	51.2173	10.0	*	27.475	+1.250	1.20	50.2319	9.1	...	31.615	+24.949	-5	<i>m</i>	...
93I	+23.252	+52.798	-4	<i>d</i>	...	99I	+27.494	+18.315	-5	<i>m</i>	...	105I	+31.619	-26.401	1.30	51.2192	9.0
...	23.321	+2.311	-4	<i>b</i>	...	...	27.540	-19.791	-4	...	...	*	31.668	-20.951	1.05	51.2191	9.5
...	23.363	-3.485	-2	...	...	...	27.540	-20.581	-4	...	...	...	31.680	+5.199	-4	<i>d</i>	...
...	23.435	+14.231	-5	<i>m</i>	...	<i>n</i>	27.541	-14.280	0.65	51.2183	8.8	...	31.689	-38.803	-4	...	...
...	23.448	+50.547	-2	...	...	...	27.588	-16.489	-4	...	...	...	31.691	+2.966	-4	<i>d</i>	...
...	+23.479	+26.066	0.75	50.2310	10.0	...	+27.601	-12.771	-3	...	...	*	+31.716	-47.743	1.00	51.2193	9.6
*	23.542	+46.540	1.05	50.2309	9.4	...	27.626	+13.020	0.90	50.2318	9.8	...	31.748	-20.136	-4	...	...
...	23.581	+25.223	-3	...	...	<i>n</i> *	27.655	-14.205	1.60	51.2183	8.8	...	31.787	-8.253	-5	<i>p</i>	...
†	23.604	+15.424	-5	...	...	...	27.834	-11.702	0.65	51.2184	10.0	†	31.829	+0.443	0.90	50.2328	9.8
...	23.645	+6.038	-5	<i>m</i>	...	...	27.857	-32.497	-5	...	...	...	31.856	+7.632	-5	<i>m</i>	...
94I	+23.693	+24.197	-4	<i>b</i>	...	100I	+27.883	-11.557	-3	...	...	106I	+31.883	+29.206	1.00	50.2327	9.6
S *	23.715	+6.121	1.20	50.2311	9.1	...	28.062	-5.834	-5	...	...	...	32.296	-17.795	-4	...	...
...	23.736	-29.244	-5	...	...	...	28.094	+51.218	-4	<i>b</i>	...	...	32.300	-3.818	0.70	50.2329	10.0
...	23.783	-18.259	-5	...	...	...	28.125	-9.068	-4	...	...	...	32.338	-38.492	-3	...	...
...	23.809	-24.263	-5	...	...	...	28.178	-53.201	-4	...	...	...	32.398	+19.102	-3	<i>b</i>	...
...	+24.166	+1.664	0.70	50.2313	10.0	...	+28.363	+21.214	-5	<i>m</i>	...	*	+32.436	-45.163	0.90	51.2195	9.8
...	24.251	+13.854	-4	<i>b</i>	...	...	28.423	-13.857	-5	...	...	...	32.514	-41.106	-3	...	...
*	24.294	-32.034	1.20	51.2174	9.2	...	28.532	-15.402	-5	...	...	...	32.772	-11.577	0.65	...	...
...	24.557	+6.670	-2	<i>b</i>	...	...	28.538	-52.478	-1	51.2185	10.0	...	32.808	-34.905	-2	...	...
*	24.612	-53.171	1.05	51.2176	9.7	*	28.683	+52.445	1.05	50.2320	9.5	...	32.873	-0.229	-5	...	...
95I	+24.622	-38.011	-1	...	...	101I	+28.749	+52.489	-4	<i>b</i>	...	107I	+32.994	+31.358	-3	...	...
...	24.635	+49.456	1.00	50.2312	9.6	...	28.754	-15.512	-3	...	...	*	33.147	+31.665	0.90	50.2330	9.7
...	24.711	+56.179	-5	<i>m</i>	...	...	28.773	+38.906	0.65	...	...	...	33.153	+9.426	-2	50.2331	10.0
...	24.732	-8.419	-5	<i>p</i>	...	...	28.773	-13.497	-5	...	...	...	33.154	-57.013	-4	...	...
...	24.816	-18.519	3.00	51.2175	7.7	*	28.862	+41.770	0.80	50.2321	10.0	*	33.278	-19.046	0.85	51.2196	9.9
†	+25.000	+40.876	1.05	50.2314	9.5	*	+28.915	+7.504	0.90	50.2323	9.6	*	+33.349	-59.021	1.00	51.2198	9.4
...	25.010	+26.756	-4	<i>b</i>	...	...	28.921	-1.602	0.70	50.2324	10.0	...	33.365	-32.306	-2	...	...
...	25.024	-40.706	0.70	...	...	...	28.931	-14.892	-3	...	...	...	33.402	+29.478	-4	<i>b</i>	...
...	25.055	-38.523	-2	51.2179	10.0	...	28.941	-44.995	-2	...	...	...	33.533	+9.966	-3	...	...
...	25.063	-37.135	-5	...	...	...	28.971	-58.246	-4	...	...	...	33.568	-55.526	-3	...	...

994, 998. C.P.D., mass.
1027, 1029. C.P.D., probably mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
1081-1140						1141-1200						1201-1260					
1081	+33°588	-23°957	1.30	51.2197	8.8	1141	+38°948	+56°289	-2	...	...	1201	+44°616	-15°181	-1	51.2220	10.0
...	33°660	-34°571	-2	...	...	...	38°970	-40°185	-3	...	...	...	44°629	-55°205	-2	51.2222	10.0
*	33°673	+55°215	1.00	49.2450	9.5	...	39°129	-27°733	-5	<i>p</i>	...	...	44°640	+46°395	-4	...	...
...	33°871	+45°571	-5	<i>m</i>	...	...	39°225	-22°595	-4	...	...	...	44°663	-23°347	-5	...	...
...	33°984	-21°822	-3	...	...	...	39°237	+53°897	-5	<i>m</i>	...	*	44°995	+54°011	1.00	49.2463	9.6
...	+34°183	-40°823	-5	<i>p</i>	...	...	+39°324	+35°620	-4	<i>b</i>	...	...	+45°019	-4°322	-5	...	...
*	34°258	+38°767	1.00	50.2332	9.6	...	39°431	-54°651	-4	...	...	...	45°025	-57°999	0.75	51.2225	9.8
...	34°265	-4°310	-3	...	...	...	39°537	-10°149	-2	...	...	...	45°141	-58°531	-1	51.2226	10.0
...	34°286	-57°738	-4	...	...	...	39°664	-18°440	-4	...	...	...	45°197	+2°931	0.65	50.2351	10.0
*	34°534	-37°857	1.00	51.2200	9.6	...	39°683	-17°118	-4	...	...	*	45°219	-36°916	0.95	51.2224	9.7
1091	+34°592	-41°073	-4	...	...	1151	+39°879	+49°961	1.15	50.2340	9.5	1211	+45°245	-32°145	2.00	51.2223	8.3
...	34°727	-18°605	-3	...	...	*	39°938	-29°630	0.80	51.2212	10.0	*	45°386	+25°118	-5	<i>m</i>	...
†	34°829	-50°770	-4	...	...	...	40°035	-18°278	0.70	51.2210	10.0	...	45°570	+38°183	-4	<i>b</i>	...
†	34°839	-24°755	1.30	51.2199	9.0	...	40°046	-30°188	-5	...	...	...	45°647	+42°200	0.70	50.2350	10.0
...	34°925	+20°020	-3	<i>b</i>	...	...	40°232	-9°205	0.70	51.2211	10.0	...	45°774	-19°140	-3	...	...
...	+35°088	+33°475	-4	<i>b</i>	...	...	+40°256	-14°115	-5	<i>p</i>	...	...	+46°107	-53°843	-5	...	...
...	35°106	-35°099	-3	...	...	...	40°314	-0°757	-2	...	...	...	46°128	-36°700	-5	...	...
...	35°213	-56°355	-5	<i>p</i>	...	...	40°340	-0°472	-5	<i>p</i>	...	...	46°135	+33°841	-2	...	...
...	35°237	-46°672	-2	...	...	...	40°702	-5°899	-2	...	...	...	46°257	-14°070	-3	...	...
...	35°604	-53°140	-5	...	...	...	40°730	-4°075	0.65	50.2341	10.0	...	46°267	+24°013	0.70	50.2352	10.0
1101	+35°623	+7°060	-4	<i>d</i>	...	1161	+40°941	-31°421	-4	...	...	1221	+46°353	+29°599	-5	<i>m</i>	...
...	35°690	-45°778	-3	...	...	...	40°973	-42°070	0.85	51.2213	9.9	...	46°549	-46°602	-2	51.2229	10.0
...	35°707	+36°718	0.90	50.2333	10.0	...	41°115	-26°333	-4	...	...	...	46°701	-9°258	-4	...	...
...	35°975	+21°357	-3	...	...	...	41°217	+55°637	0.70	49.2460	10.0	...	46°723	-31°076	-3	...	...
...	36°194	+27°355	0.70	...	...	...	41°283	-19°066	-5	...	...	...	46°801	-26°336	0.90	51.2228	9.8
...	+36°217	-48°920	-5	...	...	...	+41°335	-42°440	-5	<i>p</i>	...	...	+46°840	-26°041	-3	...	...
*	36°240	-32°816	1.50	51.2202	8.8	...	41°361	+53°091	-4	<i>b</i>	...	<i>n</i>	46°859	+47°664	-1	50.2353	9.8
...	36°268	-38°116	-5	...	...	...	41°466	-17°047	-4	...	...	...	46°963	-13°650	-5	...	...
...	36°359	+45°781	-5	<i>m</i>	...	...	41°531	+49°551	-5	<i>m</i>	...	*	46°984	-23°114	0.90	51.2230	9.8
...	36°441	-40°480	-1	...	...	*	41°658	-19°235	0.90	51.2214	9.8	<i>n</i>	47°018	+47°766	-1	50.2353	9.8
1111	+36°463	-9°430	0.70	51.2201	10.0	1171	+41°676	+15°080	1.05	50.2345	9.3	1231	+47°102	+21°738	-5	<i>m</i>	...
...	36°749	+31°394	-5	<i>m</i>	...	...	41°784	+44°152	-5	<i>m</i>	...	...	47°125	-16°622	0.70	51.2231	10.0
...	36°769	+10°308	-3	<i>b</i>	...	...	41°818	+36°931	1.00	50.2343	9.7	...	47°147	-19°214	-3	...	...
*	36°888	-17°907	0.95	51.2204	9.6	*	41°826	+43°632	1.05	50.2342	9.7	...	47°428	-27°239	-5	...	...
...	36°958	-57°202	-4	...	...	...	42°025	-5°899	-5	...	...	...	47°442	-9°166	-4	...	...
*	+37°031	-2°759	0.95	50.2335	9.8	*	+42°031	-9°349	1.20	51.2216	9.2	*	+47°519	-43°941	1.10	51.2233	9.3
*	37°040	-58°097	1.50	51.2206	8.8	*	42°051	-50°695	0.90	51.2217	9.8	...	47°635	-44°089	-1	...	...
...	37°154	-11°702	-1	...	...	...	42°070	-6°751	0.90	51.2215	9.8	...	47°654	-45°806	0.90	51.2234	9.7
...	37°157	+17°157	-4	<i>b</i>	...	*	42°248	+45°607	1.00	50.2344	9.7	*	47°894	-22°604	1.20	51.2232	8.8
...	37°281	-4°855	-4	...	...	...	42°320	-23°017	-5	...	...	...	47°988	-53°993	-1	51.2235	10.0
1121	+37°370	-56°589	-3	...	...	1181	+42°587	-19°639	-5	...	...	1241	+48°026	+15°145	2.10	50.2354	8.2
...	37°386	+7°787	0.90	50.2336	9.8	...	42°632	-29°069	0.70	51.2218	10.0	<i>S</i> *	48°053	-11°640	-4	...	...
...	37°388	+4°861	0.65	50.2337	10.0	...	42°687	+3°398	-3	<i>b</i>	...	...	48°141	-2°801	-5	...	...
*	37°524	-14°660	1.15	51.2205	9.0	...	42°690	+10°507	-3	50.2346	10.0	*	48°250	-3°847	1.20	50.2355	9.0
...	37°560	+19°827	-5	<i>m</i>	...	...	42°692	-0°374	-2	...	...	...	48°336	-46°558	-4	...	...
...	+37°575	+2°653	0.65	50.2338	10.0	...	+42°851	-37°940	0.80	51.2219	10.0	...	+48°580	-47°164	-5	...	...
†	37°589	+35°405	0.80	50.2334	10.0	...	42°955	+2°972	-4	<i>d</i>	...	...	48°587	-22°718	-3	...	...
...	37°824	-27°221	-1	...	...	...	42°973	+42°122	-2	...	...	*	48°762	-55°713	0.85	51.2237	9.8
...	37°936	+18°234	0.65	...	...	...	43°061	+42°859	-3	...	...	...	48°846	-26°229	0.70	51.2236	10.0
...	38°100	-31°742	-5	<i>p</i>	...	...	43°219	+5°653	-5	<i>m</i>	...	...	48°877	+45°215	-5	<i>m</i>	...
1131	+38°182	+4°024	-5	<i>m</i>	...	1191	+43°287	+16°099	0.95	50.2348	9.7	1251	+48°908	-31°966	-5	<i>p</i>	...
...	38°266	+4°695	-5	<i>m</i>	...	*	43°411	+31°038	-3	50.2347	10.0	...	48°958	-26°941	-5	...	...
*	38°289	-12°376	1.20	51.2207	8.8	...	43°655	-22°236	-5	<i>p</i>	...	...	49°143	-30°994	-5	...	...
...	38°306	+27°044	0.70	...	...	...	43°924	-26°052	-5	...	...	...	49°254	-22°902	0.65	...	...
...	38°314	-24°961	-1	51.2208	10.0	...	44°032	-29°361	-5	...	...	...	49°262	-12°504	-5	...	...
...	+38°589	+43°710	-5	<i>m</i>	...	...	+44°097	-35°353	-3	...	...	...	+49°341	+9°241	-4	...	...
...	38°735	+0°807	0.65	50.2339	10.0	...	44°153	-43°805	0.80	51.2221	9.9	*	49°390	-3°123	0.95	50.2356	9.6
...	38°740	+39°096	-5	<i>m</i>	...	...	44°187	-35°671	-5	...	...	...	49°437	-52°571	-4	...	...
...	38°816	+49°717	-4	<i>b</i>	...	...	44°309	+39°458	0.90	50.2349	9.8	...	49°453	+1°009	0.65	...	...
...	38°868	-33°862	-3	51.2209	10.0	...	44°550	+23°587	-5	<i>m</i>	...	†	49°732	-14°404	0.65	51.2238	9.8

1227, 1230. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1261-1300						1301-1340						1341-1363					
I261	+49° 853	-42° 071	0.90	51.2240	9.8	I301	+53° 465	+43° 499	-5	m	...	I341	+56° 771	+22° 596	-2	...	...
...	49° 924	-8° 800	-3	...	...	e *	53° 485	-20° 774	0.95	51.2248	9.4	e *	56° 772	-2° 961	1.20	50.2376	9.2
...	49° 939	+35° 760	-3	...	...	...	53° 519	-0° 217	-4	e	...	...	56° 936	-2° 039	-5	...	...
...	49° 965	-51° 155	-4	...	...	...	53° 531	-10° 938	-3	e	...	...	57° 235	-21° 943	-5	...	...
*	50° 006	-0° 404	0.95	50.2358	9.6	n *	53° 570	+48° 855	1.20	50.2364	9.2	...	57° 241	-1° 812	-5	...	...
...	+50° 323	-19° 543	-3	...	...	...	+53° 610	-42° 777	-3	e	...	...	+57° 257	-36° 571	-3	e	...
...	50° 520	-5° 849	-4	...	...	...	53° 652	+44° 753	-1	50.2365	9.9	...	57° 306	+46° 485	-4	b	...
...	50° 658	-14° 420	-5	...	...	...	53° 778	-35° 281	-5	p	...	*	57° 462	+29° 963	1.00	50.2375	9.7
*	50° 670	-31° 412	1.00	51.2241	9.5	...	53° 844	-4° 283	-2	e	...	...	57° 479	-28° 438	-4	...	...
...	50° 699	-4° 364	-3	...	...	†	53° 852	-9° 478	-4	...	...	e *	57° 839	-22° 248	0.95	51.2255	9.8
I271	+50° 778	-17° 401	-5	p	...	I311	+53° 873	+0° 530	-3	50.2367	10.0	I351	+58° 174	-10° 733	-5	p	...
...	50° 906	+52° 409	-1	50.2357	10.0	...	53° 933	+0° 186	-2	50.2368	10.0	*	58° 301	+21° 272	1.20	50.2378	9.3
...	50° 915	+41° 797	-5	m	...	e *	54° 015	-26° 488	1.05	51.2251	9.4	...	58° 329	+43° 035	-1	50.2377	9.9
...	51° 062	-53° 780	-5	p	...	e *	54° 094	-21° 599	1.80	51.2250	8.5	...	58° 465	-19° 227	-3	e	...
...	51° 133	+7° 042	-1	...	...	...	54° 113	-35° 545	-3	e	...	...	58° 854	-46° 823	-4	e	...
...	+51° 154	+37° 173	-3	...	...	e *	+54° 211	-17° 441	1.00	51.2252	9.6	...	+59° 322	+27° 502	-5	m	...
S *	51° 165	-20° 591	2.15	51.2242	8.4	...	54° 422	-7° 905	-4	...	...	...	59° 386	-1° 518	-5	...	...
...	51° 206	-6° 955	-4	...	...	...	54° 550	+19° 981	-3	...	...	...	59° 406	-32° 068	-4	e	...
...	51° 341	-16° 893	-4	...	...	...	54° 635	+37° 048	-5	m	...	e †	59° 423	-44° 355	-3	51.2256	10.0
e	51° 386	-45° 913	-1	51.2245	10.0	e †	54° 696	-16° 598	0.90	51.2253	9.6	...	59° 445	+45° 464	-4	...	...
I281	+51° 417	+56° 264	-4	b	...	I321	+54° 700	+1° 369	0.65	50.2370	10.0	I361	+59° 466	-14° 504	-5	e	...
...	51° 471	+37° 849	-1	50.2359	10.0	...	54° 856	+44° 908	-3	50.2366	10.0	...	59° 505	+32° 370	0.90	50.2379	10.0
...	51° 662	+25° 899	-1	50.2360	10.0	...	54° 899	+36° 259	-5	m	...	...	59° 514	+9° 349	-3	e	...
...	51° 812	+34° 688	-4	d	...	...	55° 120	-17° 395	-3	e	...	...					
*	51° 884	-20° 783	1.20	51.2244	9.2	*	55° 173	+48° 672	1.60	50.2369	8.9						
...	+52° 044	-0° 631	-4	...	...	e	+55° 324	-18° 143	0.95	51.2254	9.6						
...	52° 254	+29° 752	0.90	50.2361	9.8	...	55° 354	+25° 670	-5	m	...						
...	52° 383	-34° 620	-4	...	...	...	55° 363	+4° 690	0.65	50.2373	10.0						
...	52° 610	-23° 670	-5	p	...	...	55° 448	-35° 917	-4	...	...						
...	52° 638	+36° 401	-3	...	...	...	55° 568	-14° 694	-3	e	...						
I291	+52° 762	+29° 397	1.00	50.2363	9.8	I331	+55° 578	-2° 879	-3	e	...						
*	52° 963	-30° 185	-3	e	...	...	55° 608	-17° 605	-5	...	...						
...	53° 072	+50° 918	-1	50.2362	9.8	...	55° 744	-5° 163	-4	...	...						
...	53° 074	-49° 996	-5	p	...	*	55° 754	+40° 819	1.20	50.2371	9.4						
...	53° 160	-35° 735	-4	...	...	...	55° 806	-17° 879	-4	...	...						
...	+53° 192	+46° 987	-5	m	...	...	+55° 829	+32° 287	-3	...	...						
...	53° 304	-41° 422	-4	...	...	...	56° 157	+49° 346	-1	50.2372	9.8						
...	53° 306	+24° 813	-4	b	...	...	56° 398	+39° 962	-3	...	...						
...	53° 359	-50° 073	-5	p	...	*	56° 571	+3° 922	1.10	50.2374	9.4						
n	53° 435	+48° 598	-3	50.2364	9.2	...	56° 641	-2° 629	-5	...	...						

1300, 1305. C.P.D., suspected double.

1-10						11-20						21-30					
I	-60° 052	-46° 111	-2	51.2245	10.0	II	-59° 123	-30° 325	-5	° E	...	21	-57° 945	-16° 673	0.90	51.2253	9.6
E †	60° 001	-59° 797	-5	...	...	E *	58° 988	-20° 899	0.95	51.2248	9.4	E *	57° 770	-35° 636	-4	E	...
...	59° 798	-0° 349	-5	E	...	...	58° 810	+32° 215	-4	...	...	...	57° 618	-2° 927	-4	E	...
†	59° 593	+19° 872	-5	...	...	...	58° 667	+1° 273	-3	50.2370	10.0	...	57° 484	-17° 459	-4	E	...
...	59° 467	+0° 398	-3	50.2367	10.0	...	58° 544	+39° 905	-5	...	...	...	57° 474	+22° 566	-3	...	...
...	-59° 391	+0° 056	-3	50.2368	10.0	E *	-58° 391	-17° 538	0.95	51.2252	9.6	E	-57° 250	-18° 191	0.90	51.2254	9.6
...	59° 355	-11° 065	-4	E	...	E *	58° 336	-21° 695	1.90	51.2250	8.5	...	57° 152	-14° 740	-5	E	...
...	59° 301	-4° 404	-3	E	...	E *	58° 234	-26° 585	1.00	51.2251	9.4	...	57° 074	+29° 953	0.90	50.2375	9.7
*	59° 218	+40° 743	1.15	50.2371	9.4	...	58° 147	+4° 623	-2	50.2373	10.0	*	56° 901	+3° 908	1.00	50.2374	9.4
...	59° 171	+49° 266	-1	50.2372	9.8	...	57° 978	-42° 882	-5	E	...	...	56° 739	+43° 056	-1	50.2377	9.9

M
10.8 = D, - 5.

MC measured from I, 130, 249, 358, 455, 602.

MB " " 63, 182, 311, 406, 528, 667.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
31-90						91-150						151-210					
3I						9I						15I					
E *	-56.419	-2.960	1.20	50.2376	9.2	...	-46.222	+49.339	-1	50.2396	10.0	...	-36.410	-46.101	-3	...	...
...	55.880	+21.314	0.90	50.2378	9.3	...	46.209	+28.532	-4	...	...	...	36.393	+46.516	-1	50.2411	9.8
...	55.733	+45.522	-5	...	...	...	46.196	+19.655	-2	50.2395	10.0	...	36.070	+13.216	-2	...	...
†	55.143	+32.446	0.75	50.2379	10.0	†	45.884	-24.986	-5	...	...	...	35.911	-19.836	-5	...	...
S *	54.609	+41.930	1.30	50.2380	8.9	...	45.829	-52.118	1.00	51.2267	9.5	...	35.878	-7.448	-5	...	...
E	-54.575	-22.198	0.80	51.2255	9.8	...	-45.590	+37.866	-3	...	...	...	-35.726	-52.794	-1	51.2282	10.0
...	54.572	-36.539	-5	E	...	...	45.511	-30.587	-3	...	...	*	35.682	+56.008	1.10	49.2505	9.4
...	54.193	+9.451	-4	E	...	...	45.485	+16.186	-1	50.2397	10.0	*	35.626	-25.060	0.90	51.2283	9.6
...	54.080	-19.148	-3	E	...	*	45.432	+41.834	1.05	50.2399	9.5	...	35.327	+54.457	-4	...	...
...	53.566	+18.158	-4	A	...	...	45.427	+13.021	-2	50.2398	10.0	...	35.289	+23.731	-2	...	...
4I						10I						16I					
*	-53.513	+19.087	1.05	50.2381	9.4	...	-45.381	-31.478	-3	...	...	...	-35.248	-32.331	-5	...	...
...	53.432	+42.335	-3	...	...	...	45.360	+43.384	-4	...	...	†	35.119	+19.751	0.90	50.2412	9.6
...	53.396	+34.182	-5	B	...	*	45.338	-32.117	1.00	51.2268	9.6	...	35.068	-11.536	-3	...	...
*	53.348	+7.690	0.90	50.2382	9.7	...	44.978	+34.146	-4	...	...	...	34.992	+0.160	-1	50.2413	10.0
...	53.275	-14.398	-4	E	...	*	44.886	+2.711	1.05	50.2400	9.6	...	34.936	-58.812	-5	...	...
...	-52.619	-31.932	-5	E	...	...	-44.657	+26.531	-4	...	...	...	-34.804	+35.980	-4	...	...
...	52.565	-46.707	-4	E	...	...	43.968	-5.830	-5	...	...	...	33.733	+11.532	-3	50.2414	10.0
*	52.108	-25.130	1.05	51.2257	9.4	...	43.965	+31.636	-1	50.2401	10.0	...	33.711	-38.163	-2	51.2284	10.0
E	52.088	-44.222	-3	51.2256	10.0	...	43.941	+34.637	-5	A	...	...	32.682	-42.321	0.90	51.2285	9.7
...	51.788	+16.225	-1	50.2383	10.0	...	43.873	-30.583	-4	...	...	...	32.646	+46.311	-4	...	...
5I						11I						17I					
...	-51.777	-46.165	-4	...	...	...	-43.012	+44.369	-2	50.2402	10.0	*	-32.352	+30.555	1.00	50.2415	9.4
...	51.610	-2.280	-2	...	...	*	42.907	-42.136	1.10	51.2270	9.5	...	31.860	-55.876	-5	...	...
...	51.554	+39.351	-3	50.2384	10.0	...	42.688	+10.505	-5	B	...	...	31.558	-35.446	-3	...	...
...	50.999	-39.374	-3	...	...	...	42.621	-7.654	-3	...	...	...	31.524	-20.114	-5	...	...
...	50.953	+16.140	-3	50.2385	10.0	...	42.596	-31.557	0.75	51.2271	9.8	*	31.448	+46.910	1.40	50.2417	8.8
...	-50.831	-25.972	-4	...	...	...	-41.863	+10.685	-4	...	...	N	-31.426	-44.147	0.65	...	...
...	50.688	+5.136	-4	B	...	...	41.790	-54.796	-1	51.2272	10.0	S †	31.333	-4.854	4.90	50.2416	6.0
...	50.626	-53.293	0.95	51.2258	9.7	...	41.639	+37.164	-5	B	...	...	31.060	-27.494	-4	...	...
...	50.624	+1.135	-2	50.2386	10.0	...	41.093	-56.122	-5	...	...	...	30.751	-50.151	-4	...	...
...	50.413	+18.855	-4	...	...	...	40.983	-2.693	-5	...	...	*	30.385	-48.755	1.00	51.2286	9.5
6I						12I						18I					
...	-50.315	-22.446	-5	...	...	...	-40.892	-58.413	-4	...	...	...	-30.219	-40.461	-5	...	...
*	50.199	-26.029	1.20	51.2259	9.1	...	40.740	-4.260	-3	...	...	...	30.030	-25.717	-5	...	...
†	50.083	+4.186	-2	50.2387	10.0	...	40.522	-31.508	-5	...	...	...	29.938	+45.818	-4	...	...
...	50.037	+9.428	-5	B	...	*	40.399	-7.235	0.95	51.2277	9.7	...	29.748	-51.797	-4	...	...
...	49.931	+59.173	-2	49.2485	9.8	...	40.365	-33.427	0.70	51.2276	10.0	*	29.622	-37.284	1.00	51.2287	9.6
...	-49.786	-16.509	-1	...	...	...	-40.290	-46.091	-4	...	...	*	-29.539	-35.716	1.10	51.2288	9.4
*	49.739	-22.366	1.00	51.2261	9.6	†	40.178	-38.090	-5	...	...	...	29.509	-43.206	-4	...	...
...	49.707	-41.057	-5	...	...	†	40.170	-55.419	-4	...	...	...	29.228	-45.812	1.00	51.2289	9.5
...	49.410	-48.531	1.00	51.2260	9.6	†	40.164	-2.129	-2	50.2403	9.9	*	29.140	+8.099	1.00	50.2418	9.5
...	49.296	+21.822	-1	50.2388	10.0	...	39.896	-6.315	-1	50.2404	10.0	...	29.099	-18.203	-5	...	...
7I						13I						19I					
...	-49.158	+42.028	-5	...	...	...	-39.647	+34.978	-2	50.2405	10.0	*	-29.016	-10.177	1.00	51.2291	9.5
...	49.048	+26.594	0.75	50.2389	9.9	...	39.639	-28.089	-1	51.2279	10.0	...	28.971	+50.414	-5	B	...
...	49.019	+47.787	1.05	50.2390	9.6	...	39.579	-46.087	-5	...	...	*	28.937	+56.201	1.10	49.2516	9.4
...	48.744	-13.402	-3	51.2263	10.0	...	39.363	-7.421	-5	...	...	*	28.748	-49.007	1.20	51.2290	9.0
...	48.629	-39.748	-2	51.2262	10.0	...	38.899	+14.514	0.75	50.2406	9.8	...	28.441	-37.357	0.65	51.2294	9.8
...	-48.349	-35.626	-4	...	...	...	-38.746	+50.637	-4	...	...	...	-28.386	-37.223	-4	...	...
...	48.348	+54.884	-5	...	...	...	38.431	-34.229	-3	...	...	*	28.376	-57.977	1.20	51.2292	9.2
...	48.193	+11.750	-5	B	...	...	38.380	+4.286	-3	50.2407	10.0	...	28.316	-34.918	-4	...	...
...	48.105	-51.786	-4	...	...	...	38.306	+35.220	-2	50.2408	10.0	S *	28.294	-52.118	2.30	51.2293	8.0
...	47.741	+53.134	-1	50.2391	10.0	...	38.088	+0.755	-3	...	...	...	28.192	+1.615	-4	50.2419	10.0
8I						14I						20I					
...	-47.524	+20.011	-5	...	...	*	-37.999	+47.400	1.20	50.2409	9.0	...	-27.960	+31.324	-5	D	...
...	47.433	-33.835	-3	...	...	*	37.667	-59.458	3.00	51.2281	7.8	...	27.703	+25.063	-3	...	...
...	47.400	+51.110	-4	50.2393	10.0	...	37.632	-46.251	-3	...	...	*	27.492	-16.963	1.20	51.2295	9.1
†	47.328	-39.956	-4	51.2264	10.0	†	37.404	-14.993	-3	...	...	...	27.378	-47.111	-5	...	...
...	47.226	-11.620	0.65	51.2265	10.0	...	37.046	-53.466	-5	...	...	*	27.333	+32.844	1.10	50.2420	9.3
...	-47.180	+0.170	0.80	50.2392	10.0	†	-36.894	+49.832	2.70	50.2410	7.9	...	-27.109	-53.422	-3	...	...
...	47.144	-40.047	-5	...	...	...	36.762	+20.938	-3	...	...	...	26.635	+41.996	-5	B	...
...	47.106	-40.853	-5	...	...	...	36.700	+35.063	-3	...	...	...	26.480	+25.881	0.90	50.2421	9.6
...	46.591	-38.263	-1	51.2266	10.0	...	36.559	-55.940	-4	...	...	...	26.441	-20.287	0.65	51.2298	9.8
...	46.444	+32.592	0.70	50.2394	10.0	...	36.526	-35.354	-3	...	...	...	26.368	+17.094	-4	...	...

§ 10.8 = D, -5.

C.P.D., 51.2275 is Var.; not on plate.

176. 2nd image obscured by fault.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
211-270						271-330						331-390					
21I	-26.256	-51.248	0.65	51.2297	10.0	27I	-17.905	-55.083	-4	...	...	33I	-6.016	-46.325	-5	...	...
*	26.204	-13.300	1.20	51.2299	9.1	*	17.791	-57.952	0.95	51.2316	9.6	...	5.723	+42.324	-5	B	...
...	26.147	+53.045	-3	50.2423	10.0	*	17.673	+20.187	0.95	50.2441	9.6	*	5.703	-21.493	1.10	51.2337	9.4
*	25.945	+13.588	1.00	50.2422	9.6	S *	17.590	+11.306	2.20	50.2442	8.4	*	5.534	-26.367	1.40	51.2338	8.8
...	25.673	-10.799	-4	...	...	...	17.460	+36.443	-4	...	...	...	5.297	+28.067	-4	50.2464	10.0
...	-25.554	-34.886	-2	51.2300	10.0	...	-17.288	-36.386	-5	...	...	...	-5.144	-51.875	-5	...	...
†	25.207	-38.745	-4	...	...	...	17.113	+22.050	-3	50.2443	10.0	...	4.896	-22.175	-5	...	...
*	24.934	-11.559	1.10	51.2301	9.3	...	16.848	-58.262	-4	...	...	...	4.660	+41.940	-1	50.2465	10.0
...	24.706	+15.985	-5	...	...	†	16.322	-29.912	1.20	51.2317	9.1	...	4.314	+3.311	-4	50.2466	10.0
...	24.405	+18.949	0.70	50.2424	9.8	...	16.282	-33.887	-4	...	...	*	3.610	-18.562	1.20	51.2340	9.2
22I	...	...	...	...	...	28I	...	...	...	...	...	34I	...	...	...	...	...
*	-24.359	-47.045	1.00	51.2303	9.8	...	-16.215	-57.053	0.80	51.2319	9.9	...	-3.179	+30.256	-1	50.2467	10.0
...	24.141	-29.636	-4	...	...	...	15.857	-51.041	-3	...	...	...	2.912	-53.847	-3	...	...
...	24.068	+22.083	0.65	50.2425	9.9	...	15.767	+1.340	-3	50.2444	10.0	*	2.676	-57.630	1.00	51.2341	9.6
...	23.992	+47.376	0.65	50.2427	9.8	...	15.600	+48.538	-3	50.2445	10.0	...	2.468	+30.810	-4	50.2468	10.2
*	23.829	+1.059	1.20	50.2428	9.2	...	15.540	+44.110	-5	B	...	...	2.410	+42.656	-4	...	...
...	-23.828	+7.335	-3	50.2426	10.0	...	-15.368	+24.993	-3	50.2446	10.0	...	-2.216	+12.123	-4	...	...
...	23.825	+1.380	-5	B	...	...	15.277	+45.870	-4	...	...	...	2.122	-17.275	-3	51.2342	10.0
*	23.711	-41.981	1.05	51.2304	9.3	...	14.790	-52.864	-3	...	...	...	2.113	+19.099	-5	M	...
...	23.250	+35.462	-1	50.2429	10.0	...	14.752	-48.726	-3	...	...	...	1.960	+43.516	-5	M	...
...	22.507	+22.557	0.70	50.2430	9.8	...	14.576	+47.841	-2	50.2447	10.0	*	1.719	+40.279	1.05	50.2469	9.6
23I	...	...	...	...	...	29I	...	...	...	...	...	35I	...	...	...	...	...
...	-22.355	-4.283	-5	...	...	...	-13.624	+43.725	-3	50.2448	10.0	...	-1.496	-26.685	-4	...	...
*	22.136	-24.143	1.00	51.2306	9.5	...	13.545	+43.521	-2	50.2450	10.0	*	1.470	-52.781	1.40	51.2344	8.7
...	22.089	-55.446	0.80	51.2305	9.7	...	13.543	+21.163	-2	50.2449	9.7	...	1.421	-20.679	-3	51.2343	10.0
†	22.029	+29.885	0.85	50.2431	9.6	*	13.381	-19.217	1.00	51.2322	9.5	*	0.920	-48.756	1.05	51.2345	9.4
...	21.928	-39.452	0.75	51.2307	9.8	...	13.175	-5.804	-1	50.2451	9.8	...	0.852	+46.214	-5	...	...
...	-21.896	+44.048	0.65	50.2432	9.8	...	-12.973	+40.795	-5	B	...	*	-0.401	-41.808	1.15	51.2346	9.1
...	21.729	+43.377	-3	...	...	...	12.669	-40.169	0.80	51.2323	9.8	...	0.342	+45.995	-1	50.2470	9.8
...	21.605	-38.309	0.65	51.2308	10.0	...	12.656	-56.283	0.90	51.2324	9.9	...	-0.089	+55.067	0.95	49.2566	9.7
...	21.071	-55.859	-4	...	...	*	12.296	+34.477	0.90	50.2452	9.6	...	+0.231	+37.795	0.85	50.2471	9.7
...	21.014	+28.834	0.65	50.2433	9.9	...	12.180	-46.342	-5	...	...	...	0.452	-27.653	0.85	51.2347	9.8
24I	...	...	...	...	...	30I	...	...	...	...	...	36I	...	...	...	...	...
...	-20.939	-59.182	0.85	51.2309	9.8	...	-11.646	-23.396	-1	51.2325	9.9	...	+0.513	+43.962	-2	...	...
...	20.880	+8.548	0.70	50.2434	9.7	...	11.488	-59.352	-4	...	...	...	0.697	-48.990	-1	51.2349	9.8
...	20.735	+55.696	0.95	49.2531	9.6	S *	11.406	+56.335	1.40	49.2542	8.9	*	0.737	-47.114	1.05	51.2348	9.6
...	20.662	-2.224	-3	50.2435	10.0	...	11.297	-50.671	-4	...	...	...	0.761	-5.138	-3	50.2472	9.8
...	20.438	-57.470	-4	...	...	...	11.275	+49.002	0.90	50.2453	9.6	...	0.999	-51.985	0.90	51.2350	9.8
...	-20.407	-46.901	-3	51.2310	10.0	...	-11.102	-47.841	0.75	51.2326	9.9	...	+1.525	+57.833	-2	49.2572	10.0
...	20.252	-53.714	-5	...	...	...	10.715	-57.108	0.80	51.2327	10.0	*	1.582	-38.848	1.30	51.2351	9.0
†	20.237	-56.959	-5	...	...	...	10.521	-42.964	0.70	51.2328	10.0	...	1.618	-50.779	-5	...	...
*	20.052	+5.848	1.80	50.2436	8.6	...	10.460	-20.329	-5	...	...	...	1.623	-33.127	0.70	51.2352	10.0
...	19.830	-22.769	-2	51.2311	10.0	...	10.457	+3.909	1.00	50.2454	9.5	...	1.744	-0.531	1.05	50.2473	9.5
25I	...	...	...	...	...	31I	...	...	...	...	...	37I	...	...	...	...	...
...	-19.751	-51.107	-3	...	...	†	-10.176	+28.855	1.20	50.2455	8.8	...	+2.135	+35.251	0.75	50.2474	9.7
*	19.498	+50.848	1.00	50.2438	9.5	...	9.805	+14.421	-5	B	...	...	2.206	-57.183	0.90	51.2353	9.8
...	19.476	-42.702	-4	...	...	...	9.737	+46.995	-1	50.2456	9.8	NM	2.652	+6.669	-4	50.2475	10.0
*	19.435	+32.699	0.90	50.2437	9.7	...	9.629	+53.314	0.65	50.2457	9.8	...	3.181	+45.430	-4	...	...
...	19.134	+41.718	-3	...	...	...	9.104	-47.795	-5	...	...	...	3.394	-30.531	-4	51.2354	10.0
...	-19.060	+40.218	-1	50.2440	9.8	...	-9.088	-1.136	-1	50.2458	9.7	...	+3.458	-54.944	0.70	51.2356	9.9
...	19.013	+13.291	-1	50.2439	9.7	...	8.202	-33.763	-5	...	...	*	3.470	-21.760	0.95	51.2355	9.6
...	18.909	-25.419	-5	...	...	*	7.805	-18.810	1.00	51.2331	9.5	...	3.605	-35.764	1.10	51.2357	9.3
*	18.859	+55.313	1.00	49.2532	9.6	...	7.790	-55.544	-4	...	...	...	4.091	+38.151	-3	...	...
...	18.755	-59.700	-5	...	...	...	7.606	-42.754	0.70	51.2332	9.9	...	4.553	+51.375	-3	50.2476	10.0
26I	...	...	...	...	...	32I	...	...	...	...	...	38I	...	...	...	...	...
...	-18.746	+52.842	-3	...	...	...	-7.536	-55.758	0.70	51.2333	10.0	...	+4.637	+45.990	-3	...	...
*	18.697	-57.732	0.95	51.2312	9.6	...	7.352	+45.178	0.90	50.2459	9.6	†	4.696	-46.241	1.00	51.2358	9.6
...	18.657	-33.306	-4	...	...	...	7.082	+25.238	0.80	50.2460	9.8	*	4.893	-3.010	0.90	50.2477	9.6
...	18.620	+28.797	-3	...	...	...	6.873	+0.803	1.00	50.2461	9.4	...	5.015	+39.115	-4	...	...
...	18.557	-48.359	-3	...	...	*	6.678	-38.630	1.15	51.2335	9.2	...	5.057	+55.929	-3	49.2578	10.0
*	-18.349	-45.468	0.90	51.2313	9.7	...	-6.667	-55.722	-5	...	...	...	+5.125	-44.070	-3	...	...
...	18.167	-36.686	-3	...	...	†	6.554	+39.804	-4	...	...	...	5.150	-59.610	-4	...	...
...	18.132	-55.281	0.75	51.2314	9.8	*	6.363	+2.021	1.30	50.2462	9.1	...	5.540	-18.081	-4	...	...
...	18.048	-49.093	-1	51.2315	9.8	...	6.052	-50.638	-3	...	...	...	5.735	-37.891	-1	51.2359	10.0
...	18.044	-2.334	-4	...	...	...	6.029	+11.794	-3	50.2463	9.9	...	6.059	-31.395	-2	51.2360	10.0

§ 10.8 = D, - 5.

373. 50° 48, too faint to measure.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
391-450						451-510						511-570					
39I	+ 6.092	-16.826	- 5	...	...	45I	+19.036	-54.298	- 1	51.2388	9.9	51I	+27.459	-35.932	- 2	...	...
...	6.248	+30.986	0.90	50.2478	9.7	...	19.372	-43.556	- 5	...	...	...	27.497	+52.159	- 1	50.2511	9.8
...	6.403	-34.152	- 2	51.2361	10.0	...	19.505	-27.295	0.70	51.2389	9.6	...	27.728	-13.396	0.90	51.2404	9.6
S *	6.432	+11.390	5.70	50.2479	5.3	*	19.575	+30.161	1.00	50.2494	9.4	*	27.748	-23.660	0.95	51.2405	9.5
...	6.855	+23.912	- 3	50.2480	10.2	†	19.706	+44.725	0.65	50.2493	9.8	*	27.821	-50.078	0.90	51.2406	9.7
...	+ 7.321	- 6.186	- 3	50.2483	10.0	...	+20.067	+20.324	- 4	...	...	...	+28.019	-49.399	- 1	51.2407	9.9
...	7.473	+22.428	- 4	...	...	...	20.067	- 4.369	0.90	50.2498	9.7	...	28.050	+40.415	- 3	50.2512	10.0
...	7.502	+35.686	- 3	50.2482	10.0	...	20.141	- 6.223	- 3	50.2499	10.0	...	28.100	-13.901	- 5	...	...
*	7.554	+50.604	1.90	50.2481	8.6	*	20.228	+31.076	0.95	50.2496	9.6	*	28.397	+58.936	1.20	49.2612	9.2
...	7.599	-52.031	- 5	...	...	...	20.288	- 6.751	- 2	51.2391	10.0	...	28.412	-14.560	- 5	...	...
40I	+ 7.663	+27.367	- 5	...	...	46I	+20.324	-36.684	1.00	51.2393	9.5	52I	+28.449	+23.896	- 3	...	...
...	8.346	-49.797	- 4	...	...	*	20.359	-13.474	1.40	51.2392	9.2	...	28.821	+29.178	- 1	50.2513	10.0
...	8.674	+24.172	- 4	...	...	*	20.389	+52.199	1.15	50.2495	9.2	...	28.973	-12.029	- 4	...	...
*	8.900	-10.402	1.20	51.2362	9.2	N	20.442	+51.703	- 2	50.2497	10.0	...	29.083	+34.532	- 3	...	...
*	9.154	+56.766	0.90	49.2584	9.6	...	20.836	-25.895	- 4	...	...	...	29.244	-10.149	- 3	51.2408	10.0
...	+ 9.850	+57.728	- 3	49.2585	10.0	...	+20.937	+57.438	- 5	...	...	...	+29.409	-10.883	- 4	...	...
*	10.021	-23.257	1.10	51.2363	9.5	...	21.134	+26.925	- 4	...	...	...	29.615	-12.431	- 5	...	...
*	10.069	-17.298	1.05	51.2365	9.5	...	21.256	+ 3.560	- 5	...	...	...	29.883	-10.797	- 2	51.2410	9.9
...	10.116	-22.116	- 4	51.2366	10.0	*	21.466	-26.312	0.90	51.2394	9.6	...	29.936	-33.099	0.70	51.2411	9.8
...	10.140	-21.480	- 4	...	...	...	21.744	+12.577	- 5	...	...	...	29.968	+56.329	- 5	...	...
41I	+10.339	-48.250	0.65	51.2368	10.0	47I	+22.218	+36.207	- 2	50.2500	9.9	53I	+30.250	-21.558	- 1	51.2412	9.7
...	10.472	-30.385	- 4	51.2367	10.0	...	22.362	-40.899	- 3	...	...	*	30.266	+24.620	0.90	50.2514	9.7
...	10.541	+ 9.802	- 3	50.2484	10.0	*	22.459	+54.007	1.00	49.2603	9.5	...	30.525	-36.278	- 5	...	...
...	11.087	+20.164	- 3	50.2485	10.0	...	22.731	+57.111	- 4	...	...	...	30.571	-47.199	- 5	...	...
...	11.947	-50.102	0.65	51.2370	10.0	*	22.754	-54.050	0.95	51.2396	9.6	...	30.970	-21.125	0.85	51.2413	9.6
*	+12.003	-27.563	1.00	51.2369	9.5	...	+22.873	+37.426	0.85	50.2501	9.6	...	+31.012	+35.375	- 5	...	...
...	12.233	- 8.755	- 2	51.2371	10.0	*	23.150	-14.517	1.05	51.2395	9.2	...	31.099	+49.353	0.80	50.2515	9.8
S †	12.419	-34.999	2.50	51.2372	8.1	...	23.349	-19.852	- 1	51.2397	9.7	...	31.120	-16.120	0.70	51.2414	9.9
*	12.574	+52.997	2.40	50.2486	8.2	...	23.442	+21.662	0.90	50.2504	9.6	...	31.181	-57.561	- 3	...	...
*	12.924	-42.954	1.20	51.2373	9.0	*	23.472	+50.336	1.20	50.2502	9.1	...	31.308	-16.796	0.70	51.2415	9.7
42I	+12.943	- 0.642	- 5	...	...	48I	+23.729	+52.570	- 2	50.2503	10.0	54I	+31.507	+29.051	- 5	...	...
...	13.206	-44.509	- 5	...	...	...	23.892	-25.810	- 1	51.2398	9.8	...	31.729	-39.016	0.80	51.2417	9.7
*	13.889	+47.476	1.20	50.2487	9.1	...	23.994	+54.234	- 3	49.2607	10.0	*	31.820	-37.846	1.15	51.2418	9.2
*	13.948	+51.348	1.20	50.2488	9.1	*	24.020	+39.593	0.90	50.2505	9.6	...	31.906	-48.218	- 5	...	...
*	14.046	-47.704	1.00	51.2374	9.5	...	24.028	+28.496	- 4	...	...	...	32.000	+27.342	- 2	...	...
...	+14.396	-54.695	- 4	...	...	...	+24.352	-52.287	- 4	...	...	*	+32.076	-32.805	1.00	51.2419	9.6
*	14.414	-27.394	1.60	51.2375	8.8	...	24.472	-25.338	0.80	51.2399	9.7	...	32.846	+ 4.565	0.65	50.2517	10.0
...	14.564	+15.827	1.00	50.2490	9.3	...	24.511	+ 3.055	- 1	50.2506	10.0	...	32.971	-21.519	0.70	51.2421	9.8
...	14.573	+38.103	- 3	50.2489	10.0	†	24.516	+29.885	- 5	...	...	...	33.154	- 2.499	0.85	50.2519	9.8
†	14.677	-51.807	- 5	...	...	...	24.607	+16.092	- 5	...	...	...	33.194	+46.169	0.95	...	...
43I	+15.016	- 9.937	- 5	51.2376	10.0	49I	+24.749	-17.902	2.40	51.2401	8.4	55I	+33.374	+46.176	0.70	50.2516	9.6
...	15.281	-14.800	- 4	...	...	...	25.147	+50.205	- 5	...	...	...	33.450	-37.866	- 1	51.2423	10.0
...	15.408	-31.781	- 5	...	...	...	25.497	-42.419	- 3	...	...	†	33.460	-20.020	0.80	51.2422	9.6
...	15.497	-27.933	- 4	51.2378	10.0	...	25.566	-44.568	- 5	...	...	...	33.601	+29.512	- 1	50.2518	10.0
...	15.721	+15.642	1.05	50.2491	9.3	*	25.914	-44.221	1.10	51.2402	9.3	...	33.728	- 2.885	0.80	50.2521	9.8
...	+16.139	-45.530	0.80	51.2379	9.8	...	+25.931	+38.136	0.75	50.2507	10.0	...	+33.910	+48.311	- 3	...	...
...	16.595	-46.839	0.65	51.2381	9.9	...	25.948	-47.124	- 3	...	...	...	34.023	- 6.445	- 4	...	...
...	16.748	-10.822	- 3	51.2380	10.0	...	26.173	+28.639	0.80	50.2508	9.8	...	34.170	+40.628	0.90	50.2520	9.6
...	17.405	-29.184	- 4	51.2382	10.0	†	26.376	- 9.987	- 3	...	...	*	34.170	-28.038	1.10	51.2425	9.5
...	17.466	+37.267	- 5	...	...	...	26.692	+46.898	- 3	...	...	...	34.172	+15.742	- 5	...	...
44I	+17.692	+50.815	- 3	...	...	50I	+26.708	- 4.034	2.60	50.2509	8.0	56I	+34.188	- 8.876	1.30	51.2424	9.0
...	17.727	+16.708	- 3	50.2492	10.0	S *	26.731	+22.907	- 5	...	...	*	34.239	-59.449	1.20	51.2427	9.2
...	17.833	-58.845	- 2	51.2383	10.0	...	26.744	-50.343	- 4	...	...	...	34.240	- 0.450	- 5	...	...
...	17.908	+34.800	- 4	...	...	...	26.960	-35.852	- 4	...	...	...	34.261	+15.346	- 3	50.2522	10.0
...	18.228	-39.822	- 5	...	...	...	27.015	+13.289	- 1	50.2510	9.8	...	34.588	-52.471	- 5	51.2428	10.0
...	+18.525	-30.491	- 4	51.2384	10.0	...	+27.066	-41.206	- 3	...	...	...	+34.800	+11.250	- 1	50.2523	10.0
...	18.707	+25.762	- 4	...	...	...	27.087	-14.239	- 5	...	...	...	35.152	+26.216	- 5	...	...
...	18.949	+58.028	- 5	...	...	...	27.232	-45.803	- 4	...	...	...	35.184	+ 7.786	- 2	50.2527	10.0
...	18.990	-28.856	- 4	51.2386	10.0	...	27.289	+48.871	- 5	...	...	...	35.187	+26.941	0.70	50.2524	9.8
...	19.000	-11.871	- 3	51.2385	10.0	...	27.313	-51.711	- 4	...	...	S *	35.282	+15.299	1.20	50.2525	8.9

M
§ 10.8 = D, - 5.

464. Obscured by 2nd image of 463; 2nd image measured and corrected.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
571-630						631-690						691-735					
57I	+35'36I	-54'529	-5	...	...	63I	+43'589	+23'4II	-5	...	...	69I	+52'264	+47'360	-I	50.2562	9·8
...	35'408	+38'865	-5	...	...	...	43'643	-44'26I	0·80	5I.2446	9·8	...	52'395	-17'725	-3	5I.2462	IO·0
*	35'527	+20'976	I·20	50.2526	9·2	...	43'959	+34'188	0·75	50.2543	9·8	...	52'532	+28'925	-5	...	...
...	35'7II	+6'150	-5	...	...	...	44'076	+39'925	-3	50.2544	IO·0	e	52'572	-27'463	0·95	5I.2465	9·7
...	35'875	+3I'007	-5	...	...	...	44'215	-12'877	-3	5I.2445	9·9	...	52'640	+54'000	-2	49.2645	IO·0
...	+35'913	-45'509	-3	5I.2429	IO·0	*	+44'295	+18'66I	I·00	50.2546	9·2	e	+52'690	-18'260	0·65	5I.2464	IO·0
...	36'0I3	+7'356	-5	...	...	*	44'495	+13'732	I·30	50.2547	9·2	*	52'77I	+35'952	2·00	50.2563	8·6
...	36'136	+II'926	0·75	50.2528	9·7	*	44'510	+46'844	I·30	50.2545	9·I	...	52'80I	-32'907	-4	e	...
...	36'445	-52'997	-4	...	...	*	45'482	-12'805	I·IO	5I.2447	9·2	...	53'174	+42'795	-I	50.2564	IO·0
...	36'455	+23'123	-5	...	...	...	45'530	+20'447	-4	...	...	...	53'2I8	+38'II9	-4	...	...
58I	...	...	...	...	...	64I	...	...	...	...	...	70I	...	...	...	...	...
*	+37'063	-0'878	I·60	50.2530	8·9	...	+45'600	-55'385	-4	5I.2449	IO·0	...	+53'257	+26'664	-4	...	...
†	37'327	-10'044	-3	5I.2430	IO·0	...	45'688	-34'242	-3	...	...	e	53'584	-30'806	0·80	5I.2467	9·7
*	37'362	-0'905	I·00	50.253I	9·5	...	45'787	-33'360	-2	5I.2448	9·9	...	53'879	+2'567	0·70	50.2566	IO·0
...	37'678	+37'379	0·70	50.2529	9·9	...	46'100	+3I'199	0·90	50.2548	9·6	...	54'019	+29'305	0·70	50.2565	9·9
...	37'819	-37'52I	-5	...	...	*	46'102	-54'78I	I·40	5I.2452	8·9	...	54'164	-7'656	-5	e	...
...	+37'923	-1I'409	0·80	5I.243I	9·8	*	+46'264	-33'410	I·00	5I.245I	9·5	e	+55'193	-13'814	0·85	5I.2468	9·7
...	38'259	-52'346	-3	...	...	...	46'367	-5I'597	-5	...	...	...	55'339	-2'429	-4	e	...
...	38'363	-20'122	-4	...	...	...	46'485	+15'905	-4	...	...	...	55'407	+9'578	-5	...	...
...	38'390	-45'748	0·65	5I.2432	IO·0	*	46'509	+25'100	I·20	50.2549	9·0	...	55'414	-47'439	-5	e	...
...	38'399	+29'579	-5	...	...	...	46'564	+58'384	-3	49.2634	IO·0	e	55'627	-33'206	-I	5I.2470	IO·0
59I	...	...	...	...	...	65I	...	...	...	...	...	7II	...	...	...	...	...
...	+38'673	+56'492	-5	...	...	...	+46'623	-35'229	0·75	5I.2453	9·8	e	+55'837	-7'617	0·65	5I.2469	9·9
...	38'756	-2'300	-2	50.2533	IO·0	...	46'804	+9'412	-4	...	...	...	55'903	-16'110	-4	e	...
...	38'8II	-55'872	-4	...	...	...	46'866	-36'257	0·80	5I.2454	9·8	...	55'923	+39'678	-5	...	...
...	38'905	-9'349	-4	...	...	...	47'II7	-2'813	-I	50.255I	IO·0	...	56'070	+28'613	-2	50.2570	IO·0
...	38'942	-13'107	-4	...	...	...	47'155	-16'719	-4	...	...	*	56'083	+48'825	I·IO	50.2567	9·6
...	+39'017	-45'367	-4	...	...	...	+47'246	-32'032	-2	5I.2455	IO·0	...	+56'36I	+4I'525	0·95	50.2569	9·6
...	39'018	+I'336	-4	...	...	...	47'303	-8'94I	-3	...	...	...	56'510	-26'337	-5	e	...
...	39'07I	+35'259	-3	...	...	*	47'537	-6'053	0·95	50.2552	9·6	...	56'556	+5I'508	-4	50.2568	IO·0
...	39'106	+51'788	I·00	50.2532	9·6	*	47'642	+38'550	I·80	50.2550	8·8	...	56'60I	+6'337	I·05	50.257I	9·3
...	39'190	+8'312	-4	...	...	...	48'186	+35'189	-3	...	...	...	57'230	+1I'50I	-4	...	...
60I	...	...	...	...	...	66I	...	...	...	...	...	72I	...	...	...	...	...
S *	+39'226	-46'838	I·20	5I.2434	9·0	...	+48'186	-44'384	-4	...	...	e *	+57'700	-36'878	I·00	5I.2472	9·6
†	39'658	+I'303	-4	...	...	*	48'429	+20'497	0·90	50.2553	9·6	...	57'712	+37'894	-I	50.2572	IO·0
...	39'777	+18'189	0·85	50.2535	9·6	...	48'717	+14'468	-3	50.2554	IO·0	†	57'9II	-19'959	-4	e	...
...	39'887	+39'077	0·75	50.2534	9·8	...	48'839	-53'914	-4	...	...	...	57'932	-29'702	-5	e	...
...	40'175	-19'972	0·70	5I.2435	9·9	...	49'153	-29'419	-4	...	...	...	58'033	+1I'05I	-4	...	...
...	+40'229	-55'760	-2	5I.2436	IO·0	*	+49'314	-6'60I	I·20	50.2556	9·0	...	+58'110	+38'305	-4	50.2573	IO·0
...	40'419	-20'199	-4	...	...	*	49'778	+32'456	0·80	50.2555	9·8	e	58'272	-9'457	-I	5I.247I	IO·0
...	40'565	+49'372	-5	...	...	...	50'027	-19'11I	-3	...	...	...	58'337	+2'143	0·80	50.2574	9·7
...	40'659	+15'744	I·IO	50.2536	9·3	...	50'346	+24'829	-5	...	...	e *	58'645	-13'467	I·00	5I.2473	9·6
...	40'847	-0'625	0·80	50.2538	9·7	...	50'468	-58'11I	0·95	5I.2459	9·7	...	59'005	+30'040	0·90	50.2575	9·8
6II	...	...	...	...	...	67I	...	...	...	...	...	73I	...	...	...	...	...
...	+40'958	-15'274	-4	...	...	S *	+50'575	+56'235	2·80	49.2640	7·7	Se *	+59'006	-3'042	I·40	50.2577	8·8
*	40'982	-6'368	I·20	50.2539	9·I	*	50'68I	-44'344	I·00	5I.2457	9·6	...	59'119	+0'616	0·70	50.2578	9·9
...	4I'037	-26'500	-5	...	...	...	50'689	+27'794	0·95	50.2557	9·7	...	59'339	-42'789	0·90	5I.2477	9·8
...	4I'102	+10'588	-5	...	...	...	50'757	+32'977	-5	...	...	S *	59'465	+3I'866	I·50	50.2576	8·7
...	4I'209	-47'97I	-5	...	...	*	50'880	-6'384	I·05	50.2560	9·3	e †	59'533	-38'399	0·80	5I.2476	9·9
...	+4I'39I	+34'482	-2	50.2537	IO·0	...	+50'900	-27'358	-3	...	...	...	...	...	...	...	...
...	4I'452	-48'378	-I	5I.2438	9·9	...	5I'116	-30'853	-I	5I.2460	IO·0	...	...	...	...	...	...
...	4I'519	-2I'712	-4	...	...	...	5I'170	-42'675	0·70	5I.246I	IO·0	...	...	...	...	...	...
...	4I'745	+58'619	I·00	49.2625	9·7	...	5I'240	+2I'096	0·70	50.2558	9·8	...	...	...	...	...	...
...	4I'776	+56'984	-I	49.2626	IO·0	...	5I'285	+4I'749	-5	...	...	...	...	...	...	...	...
62I	...	...	...	...	...	68I	...	...	...	...	...	...	...	...	...	...	...
...	+4I'96I	-56'645	-5	...	...	*	+5I'460	-10'585	I·40	5I.2458	8·8	...	...	...	...	...	...
*	42'285	+1I'633	I·15	50.254I	9·2	...	5I'523	+19'517	-4	...	...	...	...	...	...	...	...
...	42'336	-23'907	-4	...	...	...	5I'547	+29'699	0·65	50.2559	IO·0	...	...	...	...	...	...
*	42'393	-4'475	0·90	50.2542	9·6	...	5I'750	-9'212	-5	...	...	...	...	...	...	...	...
...	42'42I	+28'356	0·90	50.2540	9·6	...	5I'814	-25'675	-4	...	...	...	...	...	...	...	...
...	+42'428	-56'614	-3	5I.244I	IO·0	...	+5I'905	+32'407	0·90	50.256I	9·6	...	...	...	...	...	...
*	42'603	-56'447	I·05	5I.2442	9·5	e *	5I'909	-5I'836	I·00	5I.2463	9·6	...	...	...	...	...	...
*	43'172	-3I'80I	0·90	5I.2444	9·7	e	52'137	-5I'093	0·90	5I.2466	9·7	...	...	...	...	...	...
...	43'266	+19'998	-3	...	...	...	52'154	+46'857	-5	...	...	...	...	...	...	...	...
...	43'412	-9'003	0·70	5I.2443	9·8	...	52'246	-19'680	-5	...	...	...	...	...	...	...	...

$$\frac{M}{\S} 10·8 = D, -5.$$

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I						6I						I2I					
E †	-59.861	-18.405	-3	51.2464	10.0	...	-52.821	-5.650	-4	...	...	...	-47.295	-21.748	-3	...	...
E	59.609	-27.619	0.90	51.2465	9.7	...	52.688	+27.835	-4	...	...	...	47.187	+0.181	-4	...	...
...	59.567	+40.859	-5	...	...	...	52.602	-0.267	-2	...	...	*	47.096	+50.173	1.10	50.2594	9.5
...	59.530	+2.453	0.80	50.2566	10.0	...	52.548	-32.765	-4	...	...	...	47.034	+27.342	-4	...	...
...	59.424	+30.605	-5	...	...	...	52.457	+29.484	0.80	50.2581	9.8	...	47.029	-10.774	0.80	51.2490	9.8
E	-59.290	-51.997	1.00	51.2463	9.6	...	-52.413	+54.006	-5	...	...	...	-46.787	-40.768	-1	51.2489	9.8
...	59.254	-50.731	-5	...	...	E	52.237	-42.649	0.85	51.2477	9.8	...	46.644	+15.296	-1	50.2593	9.8
...	59.212	+48.758	1.00	50.2567	9.6	E	52.216	-38.255	0.70	51.2476	9.9	...	46.606	+9.787	-4	...	...
...	59.163	-33.033	-4	E	...	...	52.215	-17.909	-5	...	...	*	46.466	-7.833	1.00	51.2492	9.4
E	59.104	-51.242	0.70	51.2466	9.7	...	52.065	+42.683	0.70	50.2582	9.8	...	46.464	-20.327	-5	...	...
II						7I						I3I					
...	-58.950	+25.601	-5	...	...	...	-51.865	-8.351	-5	...	...	...	-46.445	-1.157	-4	...	...
...	58.870	+51.464	-4	50.2568	10.0	...	51.815	+50.755	-5	...	...	*	46.365	-34.312	1.00	51.2491	9.5
...	58.835	-7.748	-4	E	...	...	51.799	-9.785	0.70	51.2478	9.8	*	46.277	+4.272	0.80	50.2595	9.8
...	58.635	+41.475	0.85	50.2569	9.6	...	51.456	-6.615	-5	...	...	...	46.233	+3.173	-2	50.2596	9.8
E	58.467	-30.899	0.90	51.2467	9.7	...	51.306	-2.815	-5	...	...	...	46.223	+57.468	-2	49.2676	10.0
...	-58.396	+28.563	-3	50.2570	10.0	...	-51.242	-38.354	-3	...	...	...	-46.019	+54.168	-3	...	...
...	58.302	+9.516	-5	...	...	...	51.166	-29.074	-2	...	...	...	45.925	+39.107	-2	...	...
...	57.857	-2.481	-4	E	...	...	51.051	-4.750	-3	...	...	...	45.839	-9.513	-4	...	...
...	57.786	+10.273	-5	...	...	...	50.954	+51.712	0.95	50.2583	9.6	...	45.790	+33.318	-4	...	...
...	57.564	+56.319	-5	...	...	...	50.914	-4.558	-5	...	...	n *	45.786	+24.651	1.00	50.2597	9.2
2I						8I						I4I					
E	-57.543	-13.863	0.80	51.2468	9.7	*	-50.873	-12.441	0.95	51.2479	9.6	...	-45.698	-35.498	-2	51.2493	10.0
...	57.440	+37.688	-5	...	...	...	50.867	-14.367	-3	...	...	*	45.690	+51.733	0.95	50.2598	9.5
E	57.154	-7.640	0.70	51.2469	9.9	...	50.724	-19.435	-5	...	...	n	45.658	+24.800	0.65	50.2597	9.2
...	57.139	+37.903	-4	50.2572	10.0	...	50.690	+34.445	-5	...	...	...	45.641	-6.317	-4	...	...
*	56.961	+6.320	1.05	50.2571	9.3	...	50.544	+8.264	-4	...	...	...	45.596	+7.358	-3	...	...
...	-56.757	+38.331	-4	50.2573	10.0	*	-50.487	-11.556	1.10	51.2482	9.3	...	-45.461	-33.983	-1	51.2494	9.9
...	56.744	-16.138	-4	E	...	...	50.437	-19.323	-5	...	...	...	45.109	-52.848	-4	...	...
...	56.532	+11.511	-4	...	...	...	50.141	+54.397	-5	...	...	...	44.943	+52.412	0.75	50.2599	9.6
E	56.332	-33.218	-1	51.2470	10.0	*	50.053	-0.943	0.90	50.2584	9.6	...	44.454	+19.210	-4	...	...
...	56.078	+6.282	-5	...	...	*	49.905	+54.069	1.15	49.2664	9.4	...	44.387	+45.308	-4	...	...
3I						9I						I5I					
...	-56.001	+22.809	-5	...	...	...	-49.890	+36.326	-5	...	...	...	-44.245	+12.494	-4	...	...
...	55.967	-47.468	-5	E	...	...	49.875	+32.937	-3	...	...	...	44.099	+59.710	-3	...	...
...	55.803	+3.686	-4	...	...	...	49.830	-58.308	-2	51.2480	10.0	...	43.802	-51.015	-3	51.2495	10.0
...	55.737	+11.093	-4	...	...	...	49.701	+38.080	-5	...	...	...	43.711	-46.810	-3	...	...
...	55.733	+59.120	-3	49.2657	10.0	...	49.647	+31.960	-5	...	...	*	43.588	-50.715	1.40	51.2496	8.9
...	-55.725	-26.323	-4	E	...	...	-49.640	+36.937	-1	50.2585	10.0	...	-43.338	-35.348	-4	...	...
...	55.537	+8.463	-5	...	...	...	49.060	+36.054	-4	...	...	...	42.992	-24.482	-1	51.2497	10.0
*	55.524	+30.106	0.90	50.2575	9.8	...	49.030	+52.859	-3	50.2589	9.9	...	42.882	-47.574	-3	...	...
...	55.465	+42.258	-5	...	...	...	48.892	+39.558	0.90	50.2588	9.8	*	42.719	-33.227	0.95	51.2498	9.7
S *	55.142	+31.945	1.50	50.2576	8.7	*	48.707	+9.512	0.90	50.2586	9.6	...	42.524	-21.982	0.85	51.2499	9.7
4I						10I						I6I					
...	-55.057	+2.208	0.80	50.2574	9.7	...	-48.706	+32.774	0.80	50.2590	9.8	...	-42.217	+4.748	-3	...	...
...	54.842	-33.985	-5	...	...	...	48.669	+42.844	-2	50.2591	10.0	...	42.209	+20.905	-2	...	...
E	54.665	-9.384	-1	51.2471	10.0	...	48.534	-18.746	-3	...	...	...	42.178	+48.258	-1	50.2600	10.0
...	54.608	+36.138	-4	...	...	†	48.375	+5.037	0.85	50.2587	9.7	...	42.071	+12.820	-5	...	...
†	54.588	-19.873	-4	E	...	...	48.327	-21.262	-1	...	...	...	42.047	+9.663	-4	...	...
...	-54.425	+27.388	-3	...	...	...	-48.228	-52.384	-1	51.2484	9.8	*	-41.596	+31.076	1.20	50.2601	9.1
...	54.228	+0.719	0.70	50.2578	9.9	...	48.124	+15.306	-5	...	...	...	41.524	+30.507	-3	...	...
...	54.183	-29.614	-5	E	...	...	47.936	+6.986	-5	...	...	...	41.464	+51.559	-5	...	...
SE *	54.176	-2.939	1.40	50.2577	8.8	*	47.927	+29.837	0.90	50.2592	9.7	...	41.354	+47.150	-5	...	...
...	54.161	+25.880	-2	...	...	...	47.866	-26.648	-5	...	...	...	41.062	+33.497	0.65	50.2602	9.9
5I						III						I7I					
E *	-54.124	-13.373	1.00	51.2473	9.6	...	-47.823	+24.756	-4	...	...	Nn *	-40.749	+17.497	1.30	50.2603	8.6
E *	54.111	-36.804	1.05	51.2472	9.6	...	47.790	-25.952	0.65	51.2487	10.0	...	40.655	+7.486	-3	...	...
...	53.313	+47.635	0.70	50.2580	9.8	...	47.761	-27.198	-5	...	...	Nn *	40.651	+17.501	1.30	50.2603	8.6
...	53.309	+39.369	-4	...	...	...	47.706	-20.197	-4	...	...	*	40.608	+44.805	0.95	50.2604	9.6
...	53.271	-59.480	-5	...	...	...	47.608	-28.010	-4	...	...	...	40.601	+6.767	-5	...	...
...	-53.251	+6.497	-5	...	...	...	-47.536	-26.514	-5	...	...	*	-40.572	-37.800	1.10	51.2500	9.2
...	53.245	+31.795	-5	...	...	*	47.515	-42.578	1.20	51.2486	9.0	...	40.465	-36.847	-3	...	...
*	53.059	+4.608	0.90	50.2579	9.6	...	47.511	+17.176	-4	...	...	...	40.359	+21.868	-3	...	...
...	52.994	-14.730	-2	51.2475	10.0	...	47.396	+47.241	-4	...	...	...	40.283	+50.016	-2	50.2606	10.0
...	52.838	-7.101	-1	...	...	...	47.374	-58.333	-2	...	...	...	40.226	+3.792	-4	...	...

§ 10.7 = D, -5.
MB measured from 1, 185, 341, 534, 729, 891.
MC " " 90, 268, 437, 623, 801, 982.

140, 143. C.P.D. suspected double.
171, 173. 50° 49, mass. C.P.D., mass.

Notes.	Co-ordinates.		Diam	C.P.D.		Notes.	Co-ordinates.		Diam	C.P.D.		Notes.	Co-ordinates.		Diam	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
18I						24I						30I					
...	-40°098	+26°738	-4	...	...	...	-34°027	-45°895	1°00	51.2516	9.4	...	-26°496	+47°102	-1	50.2629	10°0
...	40°090	+7°106	-3	...	...	...	33°839	+47°002	-5	...	...	...	26°464	-4°692	-5	...	...
†	40°050	+16°455	-5	...	...	...	33°799	+8°574	-1	...	...	...	26°373	-37°007	-5	...	...
...	40°041	-51°104	-1	51.2502	9.6	...	33°489	+6°595	0.65	50.2617	10°0	...	26°309	-32°060	0.75	51.2529	9.8
S †	39°974	-10°903	2.20	51.2503	8.3	*	33°451	+57°555	1.20	49.2704	9.4	...	25°841	+41°867	-4	...	...
†	-39°862	-59°750	1°05	51.2501	9.2	...	-32°924	+11°816	-5	...	...	...	-25°667	+19°647	-4	...	...
...	39°802	+25°456	-1	50.2605	10°0	...	32°861	+12°889	-5	...	...	...	25°392	-24°499	-4	...	...
...	39°716	-16°157	-5	...	...	...	32°859	-12°474	-4	...	...	...	25°192	-15°148	-3	51.2530	10°0
...	39°682	+56°983	-3	49.2687	10°0	...	32°856	-11°145	0.65	51.2518	9.8	...	25°174	+42°673	-1	50.2630	9.9
...	39°564	+11°839	-5	...	...	*	32°765	+1°484	1°05	50.2618	9.4	*	24°845	-35°021	1°40	51.2531	8.8
19I						25I						31I					
...	-39°466	-2°396	-3	50.2607	10°0	...	-32°722	+20°174	-3	...	...	...	-24°646	-23°472	0°80	51.2532	9.6
S *	39°377	-45°145	1°05	51.2504	9.3	...	32°520	-31°302	-4	...	...	...	24°133	-25°712	-4	...	...
*	39°306	+48°106	0°90	50.2608	9.6	*	32°507	-7°224	0°90	51.2519	9.6	...	24°116	-0°902	-4	...	...
...	39°282	-26°518	-5	...	...	...	32°222	-8°972	-3	...	...	*	24°104	-42°468	1°30	51.2533	9.1
...	39°010	-2°226	-3	...	...	*	32°135	+11°686	1°00	50.2619	9.4	...	23°852	+7°265	-1	50.2631	9.8
...	-38°942	+6°182	-5	...	...	*	-32°054	-6°878	0°95	51.2520	9.5	...	-23°844	+43°918	-2	...	...
...	38°868	+3°376	-4	...	...	*	31°898	+24°062	1°15	50.2620	9.2	...	23°742	-8°538	-5	...	...
*	38°688	-25°327	1°40	51.2505	8.9	...	31°807	+51°670	-5	...	...	...	23°443	+40°049	-4	...	...
...	38°459	+37°383	-5	...	...	...	31°711	-40°040	-5	...	...	...	23°194	-16°499	0°70	51.2534	9.9
...	38°373	+14°498	0°65	50.2609	10°0	...	31°428	-17°094	-5	...	...	...	22°894	+22°353	-5	...	...
20I						26I						32I					
...	-38°304	-39°766	-5	...	...	...	-30°972	-50°032	-2	51.2521	10°0	...	-22°640	+0°831	-3	...	...
*	38°197	+49°607	1°05	50.2611	9.4	...	30°782	+10°205	-5	...	...	...	22°331	+24°626	-4	...	...
...	38°048	+38°193	-5	...	...	...	30°696	+9°372	-5	...	...	...	22°283	-3°455	-4	...	...
*	37°994	+6°748	0°90	50.2610	9.6	...	30°586	+58°370	-2	49.2709	9.8	...	22°235	+50°977	-5	...	...
*	37°940	-36°704	0°90	51.2508	9.6	...	30°295	-45°827	-3	...	...	...	22°156	+24°728	-3	...	...
...	-37°921	-36°202	-5	...	...	...	-30°221	+41°274	-4	...	...	*	-21°952	+37°939	0°95	50.2632	9.6
...	37°863	-39°235	-2	51.2507	10°0	...	30°174	-19°515	-3	51.2522	10°0	...	21°769	+6°726	-3	...	...
*	37°809	-38°687	0°90	51.2509	9.6	...	29°845	+9°289	-4	...	...	...	21°736	-8°692	-5	...	...
...	37°800	+8°725	-5	...	...	...	29°776	+58°274	-4	...	...	...	21°697	-21°412	0°80	51.2535	10°0
...	37°604	+55°295	-1	49.2693	10°0	*	29°615	+17°415	1°60	50.2621	8.3	*	21°119	-26°713	1°00	51.2536	9.6
21I						27I						33I					
...	-37°505	-19°713	-5	...	...	...	-29°303	+28°631	-3	50.2622	10°0	†	-21°103	-14°893	-5	...	...
...	37°450	+14°887	-2	50.2612	10°0	...	29°168	+26°432	-5	...	...	...	21°031	+49°841	-4	...	...
...	37°210	-17°032	-2	51.2510	10°0	*	29°084	+30°780	0°90	50.2623	9.6	...	20°877	+34°732	-5	...	...
...	37°176	+17°278	-5	...	...	...	28°929	+46°996	-4	...	...	...	20°755	+38°968	-5	...	...
*	36°888	-4°528	1°10	50.2613	9.2	...	28°724	+23°015	-1	50.2624	10°0	...	20°672	+3°708	0°90	50.2633	9.7
...	-36°842	-8°454	-5	...	...	...	-28°531	-8°335	-3	...	...	...	-20°635	+30°483	-1	50.2634	9.7
...	36°662	+23°972	-5	...	...	...	28°511	-54°309	-4	...	...	...	20°553	-57°014	-5	...	...
...	36°470	-27°152	0°65	51.2513	9.9	...	28°405	+45°904	-5	...	...	...	20°531	+37°294	-1	50.2635	10°0
...	36°467	+33°701	-5	...	...	*	28°333	+42°990	1°30	50.2626	9°0	...	20°396	-40°223	-2	51.2537	9.9
...	36°423	-32°884	-5	...	...	...	28°160	-28°944	-4	...	...	...	20°307	-18°081	-5	...	...
22I						28I						34I					
*	-36°413	-59°487	1°10	51.2512	9°0	...	-28°086	+13°862	0°70	50.2625	9.8	...	-19°963	-30°184	-2	51.2538	9.8
...	36°295	+26°030	-5	...	...	...	28°055	+3°828	-4	...	...	S †	19°914	+13°746	3°70	50.2636	6.9
...	36°127	-33°862	-5	...	...	...	28°015	-12°139	-5	...	...	†	19°847	-59°758	-5	...	...
*	36°096	-2°537	1°20	50.2614	8.9	*	27°858	+22°096	1°20	50.2627	9°0	...	19°821	-40°032	0°65	51.2539	9.8
*	35°870	+34°695	1°00	50.2615	9.4	...	27°836	-30°651	0°65	51.2523	10°0	...	19°702	+23°237	-5	...	...
...	-35°687	-36°028	-5	...	...	...	-27°825	+43°150	-5	...	...	...	-19°676	+21°048	-4	...	...
...	35°436	+31°348	-5	...	...	...	27°777	-48°873	-3	...	...	...	19°623	+26°331	-5	...	...
*	35°427	-24°532	0°85	51.2515	9.6	...	27°479	+46°853	-3	...	...	*	19°548	-29°010	1°40	51.2540	8.8
...	35°237	-3°805	-5	...	...	...	27°409	-42°468	-3	...	...	...	19°398	-15°563	0°80	51.2541	9.7
*	35°215	-51°793	1°05	51.2514	9.3	...	27°401	+1°112	-3	...	...	...	19°316	+22°292	-4	...	...
23I						29I						35I					
...	-35°179	-9°680	-5	...	...	†	-27°255	-14°934	0°65	51.2525	9.9	...	-19°085	+56°046	-4	...	...
†	35°115	+55°118	-5	...	...	...	27°140	+9°367	-5	...	...	...	19°049	+47°420	-2	...	...
...	34°943	+31°911	-5	...	...	*	26°995	-52°208	1°20	51.2524	9.2	...	18°915	+41°759	-5	...	...
...	34°918	-10°822	-4	...	...	*	26°898	-31°852	0°90	51.2526	9.5	*	18°895	+51°840	1°10	50.2638	9.6
...	34°838	+2°996	0°65	50.2616	10°0	...	26°896	-19°792	-5	...	...	...	18°872	+18°916	-4	...	...
...	-34°632	+0°636	-5	...	...	...	-26°668	-21°260	0°75	51.2528	9.8	...	-18°807	-46°439	-4	51.2542	10°0
...	34°628	-41°146	-5	...	...	...	26°629	+34°777	-1	50.2628	10°0	*	18°653	-4°210	1°40	50.2637	8.8
...	34°253	-42°578	-5	...	...	...	26°598	+42°387	-4	...	...	*	18°616	+45°139	0°85	50.2639	9.6
...	34°112	-15°940	0°70	51.2517	9.8	...	26°520	-33°943	-3	...	...	...	18°428	+26°995	-5	...	...
...	34°064	-55°948	-4	...	...	*	26°503	-54°963	0°90	51.2527	9.6	...	18°412	+28°682	-3	50.2640	10°0

$$\begin{matrix} M \\ \S 10.7 = D, - 5. \end{matrix}$$

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-420						421-480						481-540					
36I	-18.361	-40.656	-5	...	...	42I	-11.947	+45.917	-5	...	...	48I	-6.314	-9.173	-4	...	...
...	18.335	-24.104	-5	...	...	...	11.673	-27.596	-4	...	...	...	6.251	-7.595	0.85	51.2567	9.6
...	17.844	-56.823	-5	...	...	...	11.575	-28.242	-5	...	...	...	6.143	+52.841	0.80	50.2669	9.6
*	17.663	-28.977	1.20	51.2543	9.2	*	11.543	-27.464	1.00	51.2556	9.4	...	6.048	+41.579	-5	...	...
...	17.644	-40.569	-3	...	...	...	11.178	+15.705	-1	50.2651	9.9	...	5.946	-51.544	-4	...	...
...	-17.602	+29.061	-4	...	...	...	-10.998	-27.402	-5	...	...	...	-5.838	+1.210	-4	...	...
...	17.418	+29.116	-4	50.2641	10.0	...	10.937	+31.208	-5	...	...	...	5.824	+6.028	-4	...	...
...	17.411	-28.787	-5	...	...	*	10.640	-3.231	0.90	50.2652	9.6	...	5.723	+4.456	-3	50.2670	10.0
*	17.352	-41.036	1.20	51.2544	9.0	...	10.640	-4.004	-5	...	...	...	5.471	+2.956	-3	50.2671	9.9
...	17.339	-9.527	-5	...	...	*	10.618	+12.220	1.40	50.2653	8.7	...	5.403	+46.973	0.80	50.2672	9.8
37I	-17.320	+19.243	-5	...	...	43I	-10.504	-47.668	1.30	51.2557	8.8	49I	-5.315	+11.064	-4	...	...
...	17.281	-6.735	-1	51.2545	9.9	*	10.492	-49.558	1.05	51.2558	9.4	†	5.133	+15.887	-5	50.2673	10.0
*	16.964	+34.244	0.90	50.2642	9.7	...	10.468	-52.078	-5	...	...	†	5.122	+47.605	1.40	50.2674	8.8
...	16.936	-8.534	-5	...	...	*	10.360	-9.303	1.15	51.2559	9.2	...	5.049	+18.646	-5	...	...
...	16.566	-9.389	-4	51.2546	10.0	...	10.259	-29.764	-5	...	...	...	4.916	-9.841	-3	...	...
...	-16.509	-45.704	-4	...	...	*	-10.195	-6.415	1.15	50.2654	9.2	...	-4.710	+30.190	-5	...	...
...	16.459	-39.719	-5	...	...	...	9.961	-43.772	-3	...	...	*	4.573	+11.974	1.00	50.2675	9.6
...	16.241	+45.096	-5	...	...	*	9.728	+32.354	1.15	50.2655	9.2	...	4.318	+15.726	-5	...	...
...	16.238	-20.336	-3	...	...	...	9.620	+23.472	-2	50.2656	10.0	...	4.246	+42.830	0.80	50.2676	9.7
...	16.107	-22.211	0.90	51.2547	9.5	S *	9.556	+38.079	1.50	50.2657	8.6	...	4.220	+31.233	-4	...	...
38I	-16.103	+6.494	-3	...	...	44I	-9.446	-49.304	-1	51.2561	9.7	50I	-4.193	+10.119	-5	...	...
...	16.041	+46.816	0.80	50.2643	9.9	*	9.237	-43.703	0.85	51.2562	9.8	...	4.033	-6.012	-3	50.2677	10.0
...	15.870	+1.609	-4	...	...	...	9.157	+27.531	-4	...	...	...	3.939	+46.497	-3	...	...
...	15.473	+23.357	-5	...	...	...	8.896	+51.818	-5	...	...	*	3.873	+42.887	1.40	50.2678	8.8
*	15.469	+50.957	1.00	50.2644	9.5	...	8.763	+21.635	-3	...	...	*	3.719	-54.080	1.40	51.2568	8.7
...	-15.403	+37.784	-5	...	...	...	-8.662	-33.482	-4	...	...	...	-3.670	+24.034	-5	...	...
...	15.242	-55.923	-5	...	...	...	8.557	+50.025	-3	...	...	...	3.574	-18.306	-4	...	...
...	15.242	-24.435	-5	...	...	...	8.458	-36.222	-3	...	...	*	3.230	-20.623	1.05	51.2570	9.3
†	15.110	+12.433	-4	50.2645	10.0	*	8.454	-49.036	1.60	51.2564	8.5	*	3.054	-44.673	1.00	51.2571	9.3
†	15.091	+17.969	-5	...	...	...	8.438	+49.704	-4	...	...	*	3.002	+37.629	0.85	50.2679	9.9
39I	-15.087	-38.561	0.90	51.2548	9.6	45I	-8.373	+5.423	-4	...	...	51I	-2.703	-24.945	0.95	51.2572	9.6
†	14.983	-3.864	-5	...	...	...	8.279	+22.757	-5	...	...	...	2.697	-5.773	-5	...	...
...	14.818	-17.690	-4	...	...	*	8.233	+32.364	0.95	50.2658	9.5	...	2.683	+11.756	-4	50.2680	10.0
...	14.672	+14.247	-5	...	...	*	8.231	+48.023	0.90	50.2659	9.6	S *	2.565	-4.386	1.20	50.2681	9.0
...	14.654	+43.473	-4	...	...	...	8.208	-49.444	-5	...	...	*	2.320	-48.411	0.85	51.2573	9.8
...	-14.573	-16.335	-4	51.2549	10.0	*	-8.196	-19.718	2.30	51.2565	8.8	†	-2.250	+0.095	-5	a m	...
...	14.485	+23.827	-4	...	...	...	7.980	+25.965	-1	50.2660	9.7	*	2.093	-48.108	0.85	51.2574	9.7
...	14.469	+52.241	-5	...	...	...	7.955	-40.721	-1	51.2566	10.0	*	1.996	+17.414	0.90	50.2682	9.6
*	14.385	+36.798	0.95	50.2647	9.6	...	7.894	+45.847	-4	...	...	*	1.995	+34.266	0.90	50.2683	9.6
*	14.317	+5.463	2.40	50.2646	7.9	...	7.833	-33.218	-3	...	...	...	1.965	+23.664	-1	50.2684	9.8
40I	-14.297	-21.898	-1	51.2550	10.0	46I	-7.761	-6.619	-1	50.2661	9.8	52I	-1.721	+45.900	-2	...	...
...	13.912	+8.922	-3	...	...	...	7.439	-30.947	-3	...	...	...	1.711	+3.690	-1	50.2686	9.9
*	13.843	-29.438	0.80	51.2551	9.8	...	7.351	-35.026	-5	...	...	*	1.642	-32.758	1.00	51.2575	9.6
...	13.660	+25.453	-4	...	...	*	7.349	+4.976	1.00	50.2662	9.6	*	1.601	+42.476	0.95	50.2685	9.6
...	13.443	+1.963	-4	...	...	...	7.343	+20.473	-4	...	...	...	1.319	+22.979	-5	...	...
...	-13.430	+30.692	-4	...	...	...	-7.169	+28.424	-4	...	...	...	-1.267	+7.033	-2	50.2687	10.0
*	13.400	-42.218	0.95	51.2552	9.6	...	7.126	-47.908	-5	...	...	...	0.896	+30.670	-5	...	...
...	13.292	+26.643	-3	...	...	...	7.057	-12.892	-5	...	...	...	0.888	+56.734	-3	...	...
...	13.210	-49.175	-2	51.2554	10.0	...	7.050	+15.451	-5	...	...	†	0.505	-9.931	-1	51.2576	10.0
...	13.205	-35.924	0.70	51.2553	9.8	...	7.030	+7.961	-3	50.2663	9.9	...	0.496	+40.096	-3	...	...
41I	-13.026	+30.397	-4	...	...	47I	-6.991	-31.681	-4	...	...	53I	-0.450	+50.113	1.00	50.2688	9.5
...	12.909	-3.871	-5	...	...	...	6.878	+46.007	0.75	50.2665	9.8	...	0.350	-57.521	-1	51.2577	9.9
...	12.845	+10.862	-3	50.2648	10.0	*	6.839	+17.339	1.00	50.2664	9.5	*	0.188	-54.871	1.00	51.2578	9.5
...	12.845	-17.017	-5	...	...	...	6.759	+41.183	0.80	50.2666	9.6	...	-0.002	-25.369	-5	...	...
...	12.695	+10.129	-3	...	...	n *	6.618	+38.246	1.05	50.2667	9.1	...	+0.221	+33.140	-4	...	...
...	-12.449	-17.765	-5	...	...	...	-6.579	+42.003	0.80	50.2668	9.6	...	+0.230	+52.914	-4	...	...
...	12.380	+36.145	-4	...	...	n	6.559	+38.434	-3	50.2667	9.1	...	0.708	-22.099	-5	...	...
*	12.287	-2.389	1.30	50.2649	8.7	*	6.552	+58.385	1.15	49.2749	9.0	...	0.948	+5.365	-2	50.2689	9.9
*	12.170	-46.482	0.85	51.2555	9.6	...	6.369	+8.455	-5	...	...	...	1.015	+32.142	-5	...	...
*	12.049	+9.054	1.30	50.2650	8.8	...	6.359	-24.564	-4	...	...	...	1.041	-30.526	-5	...	...

M
§ 10.7 = D, — 5.
475. 477. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.				
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.			
541-600						601-660						661-720								
54I	+	1°081	-51°184	0.70	51.2579	9.8	60I	+	7°857	+59°877	0.70	49.2770	9.7	66I	+	13°156	-20°057	-3	51.2612	10.0
...	...	1°154	+12°545	-3	50.2690	9.8	...	...	7°910	-12°726	-5	...	...	...	...	13°166	-1°203	-4	...	...
...	...	1°598	-55°815	-3	...	...	...	...	8°050	+45°205	0.85	50.2710	9.6	...	...	13°273	+52°699	0.75	50.2724	9.8
S *	...	1°730	-49°385	2.30	51.2580	7.9	...	...	8°133	-57°723	-4	...	...	...	...	13°352	-19°036	-2	51.2613	9.9
...	...	1°735	+15°900	-1	50.2692	9.9	...	...	8°164	-47°975	-5	...	...	...	...	13°393	-30°417	0.75	51.2614	9.7
*	+	1°861	+46°201	1.10	50.2691	9.2	...	+	8°458	-54°429	-4	...	...	...	+	13°608	-11°044	-1	51.2615	9.8
...	...	1°899	+32°910	-3	50.2693	10.0	...	...	8°682	-57°476	-5	...	...	n	...	13°864	-34°621	-3	51.2616	8.9
...	...	2°194	+13°654	-4	...	...	...	...	8°700	+19°509	-1	...	...	...	...	13°937	-12°470	-4	...	...
...	...	2°224	-38°587	-5	...	...	...	...	8°757	+32°281	-4	...	...	...	...	13°959	+45°565	-5	...	...
...	...	2°363	-56°622	-1	51.2584	10.0	...	...	8°862	+35°719	0.90	50.2711	9.6	n *	...	13°969	34°608	1.00	51.2616	8.9
55I	...	...	...	...	...	61I	...	...	...	...	...	67I	...	...	...	...	...	...	...	...
...	+	2°494	+17°076	-5	...	...	...	+	8°887	+24°548	-1	50.2712	10.0	...	+	14°323	-36°737	0.70	51.2618	9.8
...	...	2°578	-45°899	-4	...	...	...	...	8°969	-54°667	0.80	51.2597	9.8	...	...	14°544	-10°624	-1	51.2617	9.8
*	...	2°678	+32°086	0.80	50.2695	9.8	*	...	9°000	-15°378	1.10	51.2596	9.2	...	...	14°569	-1°348	-2	50.2725	9.8
*	...	2°683	+21°576	0.75	50.2694	9.8	...	...	9°064	-25°060	-5	...	...	...	...	14°888	+59°480	-4	...	...
*	...	2°752	-2°929	0.90	50.2696	9.6	...	...	9°106	-44°923	-5	...	...	...	...	15°122	-10°413	-5	...	...
...	+	2°834	+18°799	-3	50.2697	10.0	...	+	9°180	+10°355	0.90	50.2714	9.6	...	...	+15°179	-36°642	-5	...	...
...	...	2°901	-54°122	-4	...	...	...	...	9°250	-43°959	-1	51.2598	10.0	...	...	15°306	-58°310	-5	...	...
*	...	3°046	+40°842	1.10	50.2698	9.3	S *	...	9°418	+53°182	2.35	50.2713	8.1	...	...	15°350	+0°991	-3	...	...
...	...	3°125	-56°370	-3	51.2587	10.0	...	...	9°420	+2°838	-4	50.2716	10.0	*	...	15°377	+56°407	1.00	49.2784	9.4
...	...	3°221	-10°912	0.85	51.2586	9.8	*	...	9°425	+5°333	1.10	50.2715	9.2	...	...	15°413	-21°290	0.80	51.2620	9.7
56I	...	...	...	...	...	62I	...	...	...	...	...	68I	...	...	...	...	...	...	...	...
...	+	3°222	-8°362	-3	51.2585	10.0	...	+	9°509	-46°765	-5	...	...	...	+	15°546	-9°621	-4	...	...
...	...	3°262	-59°309	-4	51.2588	10.0	...	...	9°595	-34°520	0.70	51.2599	9.8	...	...	15°615	+11°256	0.90	50.2727	9.8
...	...	3°617	-54°571	-5	...	...	...	...	10°170	-13°627	-4	...	...	...	...	15°637	-9°233	0.85	51.2621	9.7
...	...	3°647	+41°580	-5	...	...	...	...	10°188	-7°686	0.80	51.2600	9.8	...	...	15°686	+9°751	-4	...	...
...	...	3°858	-56°215	-5	...	...	...	...	10°192	+34°816	-4	...	...	...	...	15°709	+53°726	-3	...	...
*	+	3°877	+35°502	1.60	50.2699	8.6	...	+	10°229	-23°666	-3	...	...	...	+	15°716	-38°610	-5	...	...
...	...	3°887	-45°313	-5	...	...	...	...	10°432	+29°012	-4	...	...	*	...	15°767	+40°251	0.95	50.2726	9.5
...	...	3°914	-5°110	-4	50.2700	10.0	...	...	10°451	-41°589	-4	...	...	...	...	15°826	+17°030	0.70	50.2728	10.0
*	...	3°955	-15°705	1.50	51.2589	8.9	*	...	10°581	-2°710	1.00	50.2717	9.3	...	...	15°853	+27°329	-5	...	...
...	...	4°158	+41°236	-4	...	...	...	...	10°639	+20°198	-5	...	...	...	...	16°170	+13°430	-5	...	...
57I	...	...	...	...	...	63I	...	...	...	...	...	69I	...	...	...	...	...	...	...	...
...	+	4°252	+17°667	-4	...	...	+	10°832	-39°730	0.90	51.2601	9.6	...	+	16°244	+2°638	-3	...	...	...
...	...	4°282	+23°045	-4	...	...	...	10°967	+39°269	-2	50.2718	10.0	*	...	16°263	+40°330	0.95	50.2729	9.5	...
...	...	4°459	-59°572	-4	...	...	...	11°023	+18°519	-1	50.2719	10.0	...	...	16°492	-41°413	-3	51.2622	10.0	...
...	...	4°621	+19°622	-5	...	...	...	11°111	-54°614	-3	...	...	...	...	16°821	-48°692	-5	...	...	...
...	...	4°817	-44°034	-4	51.2590	10.0	...	11°125	+40°632	-5	...	...	...	...	16°948	-47°780	-2	...	...	...
...	+	5°518	-25°486	-5	...	...	...	+	11°353	-16°129	-2	51.2602	10.0	...	...	+17°122	+58°594	0.90	49.2787	9.6
...	...	5°558	+59°038	-4	...	...	...	...	11°514	-28°787	-3	51.2604	10.0	...	...	17°122	-41°312	-3	51.2623	10.0
...	...	5°576	-14°533	-2	51.2591	9.8	*	...	11°578	-46°776	1.60	51.2605	8.7	...	...	17°199	+37°620	-4	...	...
...	...	5°579	+31°182	-5	...	...	...	...	11°663	-57°903	-1	51.2607	10.0	...	...	17°372	-37°342	-5	...	...
*	...	5°640	+42°991	1.15	50.2701	9.2	...	...	11°729	-6°981	-4	...	...	...	...	17°419	-32°595	-4	...	...
58I	...	...	...	...	...	64I	...	...	...	...	...	70I	...	...	...	...	...	...	...	...
...	+	5°805	-20°444	-5	...	...	+	11°729	-22°406	-3	51.2606	10.0	...	+	17°440	+17°666	-5	...	...	...
...	...	6°008	+7°158	-5	...	...	...	11°850	+9°010	-3	50.2720	10.0	...	...	17°511	-2°457	-2	50.2730	9.9	...
...	...	6°107	-10°910	-4	51.2593	9.8	...	...	11°959	-6°950	-5	...	...	...	17°679	-40°763	-5	...	...	...
...	...	6°519	+42°702	-1	50.2702	10.0	...	...	12°127	-10°854	-4	51.2608	10.0	...	...	17°810	-41°123	-5	...	...
...	...	6°588	+2°500	-5	...	...	*	...	12°187	-31°843	0.90	51.2609	9.6	...	...	17°917	+4°979	-3	50.2732	10.0
...	+	6°616	+6°878	0.80	50.2703	9.7	...	+	12°283	+22°014	-5	...	...	...	+	17°941	+15°566	-4	...	...
...	...	6°746	-42°134	-5	...	...	...	...	12°321	+1°941	-3	...	...	...	...	18°067	+4°126	-3	...	...
...	...	6°789	+12°331	0.90	50.2704	9.7	...	...	12°341	-35°068	-4	...	...	...	...	18°126	+33°377	-4	...	...
...	...	6°812	+8°319	-5	50.2705	10.0	...	...	12°380	-48°249	0.85	51.2610	9.7	*	...	18°163	+33°359	0.85	50.2731	9.6
...	...	6°840	+3°984	-4	50.2706	10.0	...	...	12°444	+10°466	-4	...	...	*	...	18°212	-38°840	1.00	51.2624	9.2
59I	...	...	...	...	...	65I	...	...	...	...	...	71I	...	...	...	...	...	...	...	...
...	+	7°110	+54°658	-4	...	...	+	12°469	-43°525	-3	...	...	...	+	18°271	-25°227	-4	...	...	...
...	...	7°111	+33°600	-5	...	...	...	12°606	+34°017	0.65	50.2721	9.8	...	...	18°365	+9°199	-4	...	...	...
*	...	7°197	-44°526	0.95	51.2594	9.6	...	...	12°621	-2°359	-2	50.2722	9.9	...	...	18°522	+15°219	0.75	50.2733	9.8
...	...	7°204	+15°782	-4	...	...	...	...	12°651	+35°517	-3	...	...	...	...	18°671	-51°613	0.75	51.2626	9.9
*	...	7°596	+5°661	1.40	50.2707	8.8	...	...	12°783	-51°885	-3	...	...	...	...	18°720	+19°592	0.70	50.2734	10.0
*	...	7°596	-0°250	0.95	50.2708	9.4	*	+	12°835	-5°383	0.90	50.2723	9.6	...	+	18°807	-45°816	-3	51.2625	10.1
...	...	7°694	-25°283	-5	...	...	...	...	12°882	+20°294	-3	...	...	...	...	18°821	+32°089	-5	...	...
...	...	7°773	-16°771	0.70	51.2595	9.7	...	...	12°941	-53°759	-3	...	...	...	...	19°020	+3°711	-4	...	...
...	...	7°85																		

M
§ 10.7 = D, - 5.
667, 670. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
721-780						781-840						841-900					
72I	+19.176	+33.823	-3	...	...	78I	+28.34I	+46.022	0.70	50.275I	10.0	84I	+33.93I	+44.91I	-4	...	...
...	19.178	-18.044	-3	51.2627	10.0	...	28.396	+34.922	-4	...	...	†	33.937	+34.955	0.70	50.2770	9.8
...	19.219	+17.446	0.70	50.2736	9.9	...	28.534	-6.980	-5	...	...	...	34.16I	+44.295	-3	50.277I	10.0
...	19.280	-10.203	-3	51.2628	10.0	*	28.585	-36.132	1.40	51.264I	8.9	...	34.183	-40.896	-4	...	...
...	19.400	+17.803	-4	...	...	*	28.648	-57.642	1.40	51.2642	8.8	...	34.205	-31.725	-5	...	...
...	+19.436	-30.93I	-4	...	...	...	+28.735	+42.209	-1	50.2752	10.0	...	+34.224	-19.357	-3	...	...
...	19.490	+55.08I	-4	...	...	*	28.92I	-41.878	1.10	51.2643	9.2	*	34.250	-32.144	1.30	51.2653	8.6
...	19.545	-0.928	-3	50.2737	9.9	*	28.954	+9.317	0.95	50.2753	9.5	...	35.134	-17.107	-4	...	...
...	20.132	+16.843	-5	...	...	...	28.968	+22.745	-4	...	...	...	35.187	+50.29I	-4	...	...
...	20.152	-15.675	-3	51.2629	10.0	...	28.97I	+5.283	-4	...	...	*	35.415	+48.180	1.60	50.2772	8.6
73I	+20.313	+40.632	-5	...	...	79I	+29.063	+19.905	-4	50.2754	10.0	85I	+35.522	+45.537	-3	...	...
...	20.420	+46.405	-5	...	...	...	29.214	-42.93I	-4	...	...	...	35.597	+56.128	-1	49.2824	9.8
...	20.77I	+7.842	-5	...	...	*	29.236	-17.607	1.05	51.2644	9.5	...	35.774	-18.493	-3	...	...
...	20.83I	+52.596	-3	...	...	...	29.275	-10.472	-5	...	...	...	35.926	+6.873	-3	50.2773	10.0
*	20.918	+35.336	0.90	50.2738	9.7	*	29.300	+27.830	1.60	50.2756	8.6	...	36.004	-27.892	-4	...	...
...	+20.993	+1.276	-5	...	...	*	+29.305	+29.298	0.95	50.2755	9.4	...	+36.055	-40.295	-4	51.2656	9.8
*	21.02I	+16.510	0.85	50.2739	9.7	*	29.348	-29.074	0.90	51.2645	9.6	...	36.140	+13.688	-3	...	...
*	21.049	-41.032	1.00	51.2630	9.3	*	29.49I	-5.022	1.15	50.2758	9.2	...	36.409	-12.336	-5	...	...
...	21.135	+35.866	0.70	50.2740	9.9	*	29.545	+28.58I	0.90	50.2757	9.5	...	36.450	-58.012	-1	51.2657	9.7
...	21.476	+0.59I	-5	...	...	...	29.747	-37.106	-3	...	...	...	36.749	+15.965	0.65	50.2774	10.0
74I	+21.518	+35.503	-1	50.274I	9.8	80I	+29.966	+7.123	1.20	50.2759	9.0	86I	+36.806	+8.666	0.75	50.2775	9.8
...	21.666	+53.094	-5	...	...	...	30.079	-42.902	-3	51.2646	10.0	...	36.824	+34.50I	-2	...	...
*	21.823	-38.858	0.90	51.263I	9.7	...	30.084	-21.978	-5	...	...	...	36.833	-22.927	-3	...	...
*	22.073	+53.28I	0.95	49.2800	9.6	...	30.090	-36.587	-5	...	...	...	36.91I	+12.550	0.70	50.2776	9.8
*	22.376	-49.635	1.05	51.2633	9.5	...	30.220	-27.42I	-3	...	...	...	36.936	+40.616	-4	...	...
*	+22.594	-22.940	1.00	51.2632	9.5	...	+30.445	-1.908	-3	50.2760	10.0	...	+36.980	-7.947	-4	...	...
...	22.780	+39.474	-5	...	...	...	30.633	-49.922	-4	...	...	...	36.997	+37.242	-4	...	...
...	22.895	-29.393	-1	...	...	...	30.634	+21.479	-4	...	...	...	37.040	-43.729	-5	...	...
...	23.020	-29.468	-2	51.2634	9.7	...	30.914	-38.475	-3	...	...	...	37.076	-34.617	-3	...	...
...	23.023	-41.009	0.75	51.2635	9.8	...	31.136	-41.530	0.80	51.2648	9.8	S †	37.124	-39.876	2.30	51.2658	7.8
75I	+23.130	+33.144	0.95	50.2742	9.6	81I	+31.223	+21.990	1.20	50.276I	9.2	87I	+37.266	+33.920	-5	...	...
*	23.43I	+17.427	-5	...	...	*	31.272	-27.746	-1	51.2647	10.0	...	37.294	+46.716	-4	...	...
...	23.823	+22.685	-1	50.2743	9.8	...	31.319	-31.967	-4	...	...	...	37.440	-15.716	-5	...	...
*	23.854	+17.027	1.10	50.2744	9.2	*	31.617	+33.476	1.20	50.2762	9.3	...	37.628	+45.418	-2	50.2777	10.0
...	23.88I	-55.829	-4	...	...	...	31.736	-27.272	-3	...	...	...	37.67I	-36.163	-3	...	...
...	+23.974	-14.345	-4	...	...	...	+31.777	-8.387	-4	...	...	*	+37.784	-24.612	1.50	51.2659	8.3
...	24.000	+39.705	-5	...	...	...	31.910	-37.052	-5	...	...	...	37.796	-47.790	-3	...	...
S *	24.319	+10.41I	1.15	50.2745	8.8	...	32.085	+25.295	-4	...	...	...	38.203	+21.394	0.70	50.2778	10.0
†	24.408	-4.936	-1	50.2747	9.7	...	32.397	+59.192	-3	49.2817	10.0	...	38.207	+14.35I	-3	50.2779	10.0
†	24.792	+13.202	-5	...	...	...	32.48I	+18.885	-3	50.2763	10.0	...	38.519	-32.783	-3	...	...
76I	+24.889	+37.490	-1	50.2746	10.0	82I	+32.522	-14.534	-5	...	...	88I	+38.654	+25.003	-4	...	...
...	24.933	+59.368	-3	49.2806	10.0	...	32.552	-47.207	-3	51.2649	10.0	†	39.099	-17.970	-4	51.266I	9.8
...	25.193	-22.376	-4	...	...	*	32.602	+13.865	1.00	50.2764	9.5	...	39.176	+50.415	-2	50.2780	10.0
...	25.504	-20.752	-4	...	...	...	32.852	-3.025	0.75	50.2766	9.8	...	39.23I	+16.55I	-5	...	...
...	25.718	-33.940	-3	...	...	...	32.88I	+8.580	0.75	50.2765	9.9	...	39.282	-39.71I	-4	...	...
...	+25.83I	-8.037	-5	...	...	...	+32.908	-11.847	-4	...	...	...	+39.286	-33.99I	-5	...	...
...	25.840	-53.320	-3	...	...	*	33.167	+18.362	1.15	50.2767	9.1	...	39.404	+6.096	0.70	50.278I	9.8
*	26.00I	-52.729	1.10	51.2637	9.5	...	33.186	-46.707	-4	...	...	...	39.414	+21.153	-3	...	...
†	26.025	+29.957	1.30	50.2748	8.8	...	33.294	+25.269	-4	...	...	...	39.429	+50.09I	-4	...	...
†	26.126	-23.767	-1	51.2636	10.0	...	33.353	-41.587	0.75	51.2650	9.9	...	39.616	-38.218	-4	...	...
77I	+26.24I	-51.230	-1	...	...	83I	+33.367	-59.30I	-4	...	...	89I	+39.806	-26.490	-5	...	...
...	26.623	-49.872	0.85	51.2639	9.8	...	33.496	+18.055	-3	50.2769	10.0	†	39.95I	+25.230	-5	...	...
...	26.689	-17.185	-1	51.2638	10.0	...	33.526	-37.192	-3	...	...	...	40.076	+24.538	0.65	...	...
...	26.803	-8.936	-4	...	...	...	33.615	-23.740	-5	...	...	...	40.23I	-15.600	-5	...	...
...	26.815	-12.265	-5	...	...	*	33.699	-55.742	1.20	51.2652	9.2	...	40.335	+48.940	-4	...	...
...	+26.823	-35.326	-4	...	...	...	+33.726	+35.978	-3	...	...	...	+40.369	+11.775	-4	...	...
...	27.327	+35.95I	0.65	50.2749	10.0	*	33.797	+46.349	0.90	50.2768	9.7	...	40.378	-39.693	-4	...	...
*	27.370	+20.953	1.00	50.2750	9.5	...	33.816	-42.132	-4	...	...	...	40.406	+38.728	-3	...	...
...	27.376	-46.217	-4	...	...	...	33.843	-32.302	-3	...	...	...	40.416	+30.532	0.75	50.2783	9.8
...	27.400	+32.684	-5	...	...	...	33.859	-34.392	0.75	51.265I	9.7	...	40.427	-43.996	-5	...	...

Notes.	Co-ordinates.		Diam	C.P.D.		Notes.	Co-ordinates.		Diam	C.P.D.		Notes.	Co-ordinates.		Diam	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
901-960						961-1020						1021-1058					
90I	+40'438	+51'918	-2	50.2782	10.0	96I	-46'720	+8'260	0.95	50.2797	9.4	102I	+53'732	+9'802	-4	...	...
...	40'599	+15'784	-5	...	...	...	46'746	-20'528	-3	...	...	e *	53'910	-28'831	1.60	51.2693	8.1
*	40'909	+45'309	1.20	50.2784	9.2	...	46'870	-0'342	-5	...	...	...	54'186	-3'458	-5	...	...
...	40'957	-10'417	-4	...	...	...	46'889	+10'575	-4	...	...	...	54'264	-29'496	-4	e	...
...	41'006	+15'916	-3	50.2785	10.0	...	46'904	-43'791	0.80	51.2675	9.6	...	54'530	-27'977	-5	...	...
...	+41'045	-29'016	-1	51.2662	9.8	...	+46'913	-15'858	-4	...	...	e *	+54'544	-30'507	1.20	51.2694	9.0
...	41'143	-48'846	-4	...	...	*	46'928	-36'462	0.95	51.2674	9.5	†	54'707	-10'987	-4	e	...
*	41'190	+15'691	1.10	50.2787	9.4	...	47'179	+56'808	0.90	49.2854	9.6	...	54'889	-0'244	-4	e	...
...	41'204	-56'388	-5	...	...	...	47'507	-21'217	-4	...	...	e	55'202	-55'129	-3	51.2696	9.8
...	41'219	-29'623	-5	...	...	n	47'850	-8'549	-4	51.2676	9.8	e	55'219	-49'139	-3	51.2695	9.8
91I	+41'243	-21'951	0.85	51.2663	9.6	97I	+47'979	-33'536	-5	...	...	103I	+55'856	-50'893	1.00	51.2698	9.4
...	41'533	+50'575	-1	50.2786	10.0	n	48'084	-8'459	-2	51.2676	9.8	e *	55'880	+29'209	0.90	50.2806	9.6
...	41'575	-41'033	-2	...	...	*	48'232	-4'015	0.90	50.2798	9.4	...	55'888	+57'516	-3	49.2869	9.8
...	41'660	+38'791	0.90	50.2788	9.9	*	48'304	-42'277	1.30	51.2678	8.9	e *	56'159	-24'165	1.20	51.2697	8.8
...	41'675	-21'865	0.85	51.2664	9.6	...	48'457	-51'462	-3	...	...	...	56'407	-21'824	-4	...	...
...	+41'714	+39'882	0.65	50.2789	10.0	...	+48'761	-43'249	-4	...	...	...	+56'453	+4'021	-4	...	...
...	41'750	-32'370	-5	...	...	...	48'997	+19'226	-4	...	...	...	56'593	+3'625	-3	...	...
...	41'800	-10'976	-4	...	...	S *	49'465	-2'541	1.10	50.2801	8.7	...	57'185	-12'890	-4	e	...
S *	42'297	+50'268	2.20	50.2790	7.8	...	49'633	+25'233	-5	...	...	e	57'250	-26'808	-1	51.2699	9.8
*	42'383	+44'659	1.00	50.2791	9.4	...	49'638	-4'797	-4	...	...	...	57'327	-19'895	-4	...	...
92I	+42'433	-24'459	-5	...	...	98I	+49'647	-23'064	1.30	51.2680	8.6	104I	+57'452	+46'474	-5	...	...
...	42'500	-2'636	0.65	50.2792	9.8	...	49'843	+33'252	-4	...	...	e	57'495	-25'228	-3	51.2700	9.8
...	42'529	+53'490	-4	...	...	...	50'067	+37'629	0.90	50.2799	9.6	...	57'560	-25'141	-5	e	...
...	42'541	-32'403	0.75	51.2665	9.7	*	50'161	+31'550	1.00	50.2800	9.2	...	57'616	-10'841	-3	e	...
...	42'639	-39'209	-2	51.2666	9.8	...	50'390	-55'152	-5	...	...	...	57'681	+50'188	-4	50.2807	9.8
...	+42'658	-27'387	-2	...	...	*	+50'447	-16'623	1.05	51.2682	9.2	...	+57'988	-25'240	-5	e	...
...	42'692	-54'638	0.80	51.2667	9.6	*	50'520	-44'079	1.00	51.2683	9.4	...	58'119	-10'197	-3	e	...
...	42'894	+23'866	0.65	...	...	...	50'608	-39'225	-4	...	...	...	58'179	+36'959	0.85	50.2808	9.6
...	42'988	-42'095	-2	...	...	...	50'613	+29'866	-4	...	...	*	58'348	+34'200	1.00	50.2809	9.4
...	43'057	+37'740	-2	...	...	...	50'618	+53'862	-1	49.2860	9.8	e *	58'573	-33'048	1.00	51.2701	9.4
93I	+43'110	-27'146	-4	...	...	99I	+50'810	-44'290	-3	51.2685	9.8	105I	+58'819	-45'464	-3	51.2702	9.8
...	43'370	+6'453	-4	...	...	...	50'858	-47'424	-4	...	...	e *	58'899	-54'249	1.80	51.2704	8.4
...	43'562	+24'084	-4	...	...	...	50'937	-50'772	-4	...	...	...	59'057	-13'962	-3	e	...
...	43'581	+42'335	-3	...	...	...	51'183	+40'255	-5	...	...	...	59'151	+1'915	-3	...	...
...	43'725	-42'019	-3	...	...	...	51'223	+53'120	-5	...	...	...	59'198	-41'592	-3	e	...
...	+43'844	+44'587	-1	50.2793	9.7	...	+51'296	-17'221	0.75	51.2684	9.6	...	+59'443	-15'564	-5	...	...
...	43'952	+41'271	-5	...	...	...	51'300	+15'515	-4	...	...	...	59'695	-33'899	-4	e	...
...	43'966	+39'405	-4	...	...	...	51'415	-52'290	-5	...	...	e †	59'730	-30'737	0.90	51.2705	9.5
...	44'388	-51'557	-1	51.2668	9.8	...	51'525	-16'245	-5	...	...	...	...	...	...	...	...
...	44'423	-33'966	-5	...	...	...	51'547	-27'020	-4	...	...	...	...	...	...	...	...
94I	+44'568	+30'277	-5	...	...	100I	+51'863	-57'139	-3	51.2687	9.8	...	...	...	...	...	...
...	44'599	+38'762	-2	...	...	e	52'222	+21'282	-3	...	...	...	...	...	...	...	...
...	44'602	+17'037	-4	...	...	...	52'492	+2'298	-5	...	...	...	...	...	...	...	...
...	44'710	-24'482	-5	...	...	...	52'741	-34'944	-4	...	...	...	...	...	...	...	...
†	44'723	+36'891	-5	...	...	...	52'772	+23'995	-2	50.2802	9.8	...	...	...	...	...	...
†	+44'735	+15'884	-4	50.2794	9.8	...	+52'881	+56'829	-3	49.2862	9.8	...	...	...	...	...	...
†	44'742	-44'719	0.95	51.2669	9.4	e *	52'902	-59'171	1.00	51.2690	9.4	...	...	...	...	...	...
...	44'874	-51'305	0.85	51.2670	9.5	...	53'024	-54'311	-5	...	...	...	...	...	...	...	...
...	45'358	-54'559	-4	51.2671	9.8	e	53'133	-48'971	-3	51.2691	9.8	...	...	...	...	...	...
...	45'428	+18'540	-4	...	...	...	53'173	+1'384	-2	50.2804	9.8	...	...	...	...	...	...
95I	+45'784	-53'766	0.70	51.2673	9.6	101I	+53'247	+56'975	1.40	49.2863	9.1	...	...	...	...	...	...
*	45'931	-29'405	1.20	51.2672	9.0	e	53'252	-16'091	0.75	51.2688	9.6	...	...	...	...	...	...
...	46'055	+56'129	-1	49.2853	9.7	e	53'258	-57'175	-3	51.2692	9.8	...	...	...	...	...	...
...	46'172	-27'763	-4	...	...	...	53'345	-35'799	-4	e	...	...	...	...	...	...	...
...	46'238	-29'142	-3	...	...	e	53'417	-28'232	0.80	51.2689	9.6	...	...	...	...	...	...
...	+46'242	+31'850	-1	...	...	...	+53'441	+50'184	-5	...	...	...	...	...	...	...	...
...	46'505	+16'780	-1	50.2796	9.8	...	53'530	+49'319	-5	...	...	...	...	...	...	...	...
...	46'532	-12'124	-2	...	...	...	53'565	+46'879	-1	50.2803	9.8	...	...	...	...	...	...
...	46'621	-29'893	-3	...	...	...	53'676	-32'817	-5	...	...	...	...	...	...	...	...
†	46'622	+49'972	-1	50.2795	9.5	*	53'719	+7'767	1.00	50.2805	9.4	...	...	...	...	...	...

M
 § 10.7 = D, - 5.
 970, 972. C.P.D., probably mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-59.754	+57.441	-4	49.2869	9.8	61	-50.590	+20.927	-1	50.2816	9.8	121	-42.772	+2.756	-5	...	...
E	59.417	-16.223	0.90	51.2688	9.6	...	50.568	+58.649	-5	49.2886	9.8	...	42.580	-33.882	-5	...	...
E	59.146	-57.301	-4	51.2687	9.8	...	50.551	-15.377	0.80	51.2708	9.6	...	42.566	-18.193	-5	...	...
E	58.761	-28.343	-1	51.2689	9.6	...	50.476	-36.962	-4	51.2707	9.8	...	42.535	-34.907	-1	51.2724	9.6
...	58.629	+29.149	-1	50.2806	9.6	...	50.372	-19.378	0.80	51.2709	9.5	...	42.495	+16.724	-4	...	...
...	-58.519	-35.903	-4	E	...	...	-50.249	+55.981	-5	...	...	...	42.467	-50.435	-3	51.2723	9.7
...	58.434	-0.322	-5	E	...	...	50.143	+48.084	-1	50.2818	9.5	...	42.442	-50.741	-5	...	...
E *	58.241	-28.912	1.90	51.2693	8.1	...	50.108	-11.503	-4	...	...	...	42.163	+5.334	-3	50.2835	9.8
E	58.184	-49.079	-4	51.2691	9.8	...	50.053	-16.534	0.85	51.2710	9.6	*	42.120	-21.165	0.95	51.2726	9.5
...	58.156	-11.058	-4	E	...	...	49.995	+19.115	-5	...	...	...	41.922	-59.439	-3	51.2725	9.7
II	...	...	...	...	...	71	...	...	...	...	...	131	...	...	...	...	...
E	-58.000	-59.267	-1	51.2690	9.4	...	-49.588	+36.318	-3	50.2819	9.8	...	-41.874	-46.232	-5	...	...
...	57.865	-29.563	-5	E	...	...	49.459	-11.474	-5	...	...	...	41.716	+31.076	0.85	50.2836	9.5
E	57.737	-57.258	-4	51.2692	9.8	...	49.388	-2.367	-1	50.2817	9.8	*	41.704	-27.734	1.10	51.2727	9.0
...	57.688	+50.178	-5	50.2807	9.8	...	49.216	-32.095	-5	...	...	...	41.621	-11.064	-2	51.2728	9.8
E *	57.546	-30.572	1.20	51.2694	9.0	...	49.195	-7.785	-5	...	...	...	41.511	-37.565	-5	...	...
...	-57.030	+4.004	-5	...	...	...	-49.035	+35.116	-5	...	...	...	-41.499	+3.926	-4	...	...
...	56.868	+3.615	-4	...	...	...	49.033	-46.436	-5	...	...	...	41.355	+7.801	-4	...	...
...	56.631	+36.983	0.90	50.2808	9.6	...	48.970	+50.851	-4	50.2820	9.8	...	41.317	-21.168	-5	...	...
*	56.371	+34.238	1.00	50.2809	9.4	...	48.956	-26.685	-5	...	...	*	40.842	-36.505	1.15	51.2730	8.9
E *	56.171	-24.161	1.40	51.2697	8.8	...	48.879	+31.388	-5	...	...	...	40.800	+4.265	0.70	50.2837	9.8
21	...	...	...	...	...	81	...	...	...	...	...	141	...	...	...	...	...
E	-56.093	-49.152	-3	51.2695	9.8	...	-48.680	+7.744	-5	...	...	...	-40.791	-32.130	-5	...	...
E	55.873	-55.150	-4	51.2696	9.8	*	48.628	+40.972	1.10	50.2821	9.2	...	40.747	-25.618	-4	...	...
...	55.614	-12.852	-4	E	...	...	48.367	-24.728	-4	...	...	*	40.736	+13.198	0.90	50.2838	9.5
...	55.547	+46.695	-5	...	...	...	47.987	+2.287	-4	...	...	...	40.456	-37.962	-5	...	...
E	55.380	-50.873	-1	51.2698	9.4	...	47.504	-55.247	-4	51.2711	9.8	...	40.380	+17.646	-5	...	...
...	-55.277	-10.792	-3	E	...	...	-47.503	+57.174	-1	49.2891	9.8	...	-40.333	+16.287	-2	...	...
E	54.975	-26.763	-3	51.2699	9.8	*	47.309	+37.189	0.75	50.2823	9.8	*	40.272	-24.321	1.40	51.2731	8.2
E †	54.811	-25.171	-4	51.2700	9.8	S †	47.132	-14.937	2.20	51.2712	7.7	...	40.178	+47.923	-1	50.2840	9.8
†	54.791	-10.129	-4	E	...	...	47.086	+7.385	-5	...	...	*	40.127	-2.366	1.05	50.2839	8.6
...	54.746	-25.099	-5	E	...	*	46.990	+3.354	1.10	50.2822	9.1	*	40.055	-2.222	1.15	...	...
31	...	...	...	...	...	91	...	...	...	...	...	151	...	...	...	...	...
...	-54.362	+21.747	-3	50.2810	9.8	...	-46.975	-31.531	-5	...	...	...	-40.050	-44.446	0.70	51.2732	9.6
...	54.329	-25.165	-4	E	...	...	46.961	+9.717	-4	...	...	†	39.894	-38.297	-2	51.2733	9.8
...	54.266	+2.014	-4	...	...	...	46.770	+43.897	-5	...	...	†	39.861	-31.823	-4	51.2735	9.8
...	54.064	+29.442	-5	...	...	...	46.622	-12.262	-5	...	...	†	39.839	-33.422	0.80	51.2734	9.5
...	53.916	+44.627	-3	50.2812	9.6	...	46.501	+52.230	-5	50.2825	9.8	*	39.827	+53.256	1.05	49.2895	9.4
...	-53.710	-13.852	-3	E	...	...	-46.463	+51.479	0.75	50.2826	9.7	...	-39.726	+0.467	-4	...	...
E *	53.409	-32.945	1.10	51.2701	9.4	*	46.330	+23.100	1.10	50.2824	9.0	...	39.620	-32.539	-5	...	...
n	53.222	+3.341	-4	50.2811	9.8	...	45.982	+30.615	-5	...	...	S *	39.511	+50.624	1.15	50.2843	8.9
...	53.194	+56.813	-4	49.2880	9.8	*	45.726	+25.474	1.20	50.2827	8.6	...	39.408	-36.564	-4	...	...
n	53.160	+3.293	-4	50.2811	9.8	...	45.622	-32.284	-4	...	...	*	39.336	-15.889	1.05	51.2736	9.0
41	...	...	...	...	...	101	...	...	...	...	...	161	...	...	...	...	...
...	-52.862	+25.719	-2	...	...	†	-45.550	+49.956	-4	50.2828	9.8	*	-39.300	-5.923	1.20	50.2841	9.0
...	52.857	+25.798	-3	50.2813	9.6	...	45.472	+38.738	-5	...	...	...	39.250	+1.692	-3	50.2842	9.8
...	52.846	+5.955	-3	...	...	...	45.275	+54.253	-5	...	...	*	39.022	+26.892	0.90	50.2845	9.5
E	52.653	-45.326	-4	51.2702	9.8	*	45.213	-57.900	1.15	51.2715	9.0	...	38.997	-38.817	-2	51.2737	9.8
...	52.577	-16.462	-4	...	...	...	45.049	-21.235	-3	51.2717	9.8	...	38.988	-16.345	-3	51.2738	9.8
...	-52.573	-23.626	-5	...	...	*	-44.679	-43.639	1.00	51.2718	9.4	...	-38.935	+49.085	-4	50.2846	9.8
...	52.498	+9.624	-5	...	...	*	44.497	-23.512	0.80	51.2719	9.5	...	38.914	+2.230	-3	50.2844	9.8
...	52.440	-41.461	-3	E	...	...	44.468	+50.671	-4	50.2832	9.8	...	38.488	+4.134	-5	...	...
E *	52.337	-30.590	0.95	51.2705	9.5	*	44.377	-1.935	1.20	50.2829	8.8	...	38.482	+19.886	-5	...	...
...	52.247	-33.747	-4	E	...	...	44.236	+8.152	-1	50.2831	9.7	...	38.398	-30.607	-2	51.2739	9.8
51	...	...	...	...	...	111	...	...	...	...	...	171	...	...	...	...	...
E *	-52.220	-54.121	2.00	51.2704	8.4	*	-44.139	+5.386	0.95	50.2830	9.5	...	-38.274	-9.157	-5	...	...
...	52.159	+25.631	-3	...	...	...	44.097	-20.576	-5	...	...	...	38.163	+22.994	-3	...	...
...	51.846	+30.163	-1	50.2814	9.8	...	43.939	+26.392	-5	...	...	...	38.008	+20.201	-5	...	...
*	51.440	+21.191	1.00	50.2815	9.5	*	43.676	-52.833	1.10	51.2720	9.3	...	37.651	+48.141	-5	...	...
...	51.245	+0.917	-4	...	...	...	43.658	-50.174	-5	51.2721	9.8	...	37.623	-43.939	-4	...	...
...	-51.159	+9.713	-3	...	...	...	-43.349	-36.416	-5	...	...	...	-37.453	-41.887	-3	51.2740	9.8
*	50.880	-22.335	1.20	51.2706	9.1	...	43.287	+15.901	0.85	50.2833	9.7	...	37.401	-28.300	-3	...	...
...	50.728	-21.626	-4	...	...	...	43.110	-34.738	-4	...	...	*	37.392	-15.260	0.80	51.2741	9.6
...	50.689	-17.307	-4	...	...	...	42.874	-38.643	1.60	51.2722	8.1	...	37.385	-0.567	-3	...	...
...	50.601	+56.992	-5	...	...	*	42.819	+32.021	1.50	50.2834	8.5	...	37.379	-39.672	-5	...	...

$\frac{m}{s} 10.5 = D, -5.$
 MC measured from 1, 154, 313, 465, 595, 719.
 MB " " 71, 224, 395, 543, 650, 764.

38, 40. C.P.D., mass.

Co-ordinates.						Diam.	C.P.D.		Co-ordinates.						Diam.	C.P.D.							
Notes.	x.		y.		z.	No.	Mag.	Notes.	x.		y.		z.	No.	Mag.	Notes.	x.		y.		z.	No.	Mag.
181-240																							
18I	-36.901	+12.055	-4	...	...	...	...	24I	-27.865	+57.309	-5	...	...	...	...	30I	-21.256	-9.583	-5	...	...	...	...
...	36.783	+4.777	-1	50.2847	9.8	...	...	...	27.857	-26.590	-3	...	...	...	...	...	21.142	+49.107	-2	...	...	...	...
...	36.729	-37.817	-1	51.2742	9.8	...	...	...	27.851	+33.747	0.65	50.2863	9.8	...	...	...	21.141	-55.578	-5	...	...	...	...
S *	36.523	-49.179	-5	...	...	...	...	...	27.746	-18.338	-5	...	...	...	...	...	21.020	+14.710	-1	50.2872	9.8	...	...
...	36.431	+19.299	3.30	50.2848	7.0	...	...	...	27.730	+4.279	-5	...	...	...	...	...	21.019	-34.289	-5	...	...	...	...
...	-36.275	+36.195	-4	...	...	...	...	...	-27.423	-29.289	-5	...	...	...	...	*	-20.958	+20.590	1.05	50.2874	9.2	...	...
...	36.059	+56.885	-4	...	...	...	...	...	27.373	+25.535	-5	...	...	...	...	a	20.875	+0.373	-2	50.2873	9.8	...	...
...	35.958	-34.192	-2	51.2743	9.8	...	...	...	27.367	+36.544	-5	...	...	...	...	...	20.685	+29.224	-5	...	...	...	...
...	35.712	+51.192	-4	...	...	...	...	...	27.316	+57.025	-4	...	...	...	...	...	20.182	-3.200	-4	50.2875	9.5	...	...
*	35.617	-9.766	1.20	51.2744	8.8	...	...	...	27.178	+23.121	-4	...	...	...	...	...	20.131	-3.272	0.75	...	...	...	...
241-300																							
19I	-35.302	+28.458	-3	...	...	...	...	25I	-27.175	-15.121	-5	...	...	...	...	31I	-20.081	-35.368	-4	...	...	...	...
...	35.191	-39.073	-3	51.2745	9.8	...	...	...	27.142	+47.651	-5	...	...	...	...	...	20.058	-24.065	-4	...	...	...	...
...	35.110	+29.709	-4	...	...	...	...	...	27.129	-37.979	-4	...	...	...	...	...	19.280	+1.135	0.65	50.2876	9.8	...	...
...	34.765	-12.309	-5	...	...	...	...	...	26.956	-7.065	-4	...	...	...	...	...	19.271	-18.136	-4	51.2776	9.8	...	...
...	34.659	-45.822	-2	51.2746	9.8	...	...	...	26.828	41.328	-3	51.2759	9.8	...	...	...	18.882	+28.425	0.70	50.2877	9.6	...	...
*	-34.403	+24.595	1.00	50.2849	9.3	...	...	...	-26.802	+53.840	-5	...	...	...	...	...	-18.745	+34.498	-4	...	...	...	...
*	34.304	+53.890	1.00	49.2902	9.4	...	...	...	26.752	+54.010	-3	49.2920	9.8	...	...	*	18.319	-23.748	0.90	51.2777	9.5	...	...
...	34.131	-15.625	0.65	51.2749	9.8	...	...	...	26.508	-37.547	0.65	51.2760	9.8	...	...	S *	18.257	-49.995	1.50	51.2778	8.1	...	...
*	33.950	-38.385	0.90	51.2748	9.5	n *	...	...	26.315	-37.073	0.95	51.2761	9.0	...	...	...	18.097	+54.617	-2	49.2937	9.7	...	...
...	33.921	+49.715	-3	...	...	...	...	...	26.187	-24.179	-4	...	...	...	...	...	18.028	-18.211	-5	...	...	...	...
20I	-33.094	-38.620	-5	...	...	n *	...	...	-26.103	-37.072	0.95	51.2761	9.0	...	...	32I	-17.976	+28.074	-3	50.2878	9.8	...	...
...	32.907	+39.695	-5	...	...	...	...	...	25.848	-46.737	-3	...	...	...	...	...	17.931	-45.803	-1	51.2780	9.8	...	...
*	32.686	-17.292	1.40	51.2750	8.6	*	...	...	25.782	+39.146	1.40	50.2864	8.5	...	...	...	17.793	-32.429	-1	51.2781	9.8	...	...
†	32.680	-49.789	-4	...	...	*	...	...	25.637	+28.442	1.15	50.2865	8.6	...	...	...	17.770	+24.003	-4	...	...	...	...
*	32.501	+37.406	0.90	50.2850	9.5	...	...	...	25.582	-39.646	-5	...	...	...	...	...	17.632	-13.228	-5	...	...	...	...
...	-32.289	-37.097	0.75	51.2751	9.7	...	...	...	-25.580	+47.919	-2	50.2866	9.8	...	...	*	-17.565	-39.986	1.00	51.2782	9.4	...	...
...	32.130	+36.451	-1	50.2851	9.6	...	...	...	25.073	+33.105	-1	50.2867	9.8	...	...	...	17.533	-34.223	-4	...	...	...	...
*	31.891	-31.781	1.00	51.2752	9.5	...	...	...	25.063	-41.329	-4	...	...	...	...	...	17.323	+29.454	-3	50.2879	9.7	...	...
...	31.808	-24.205	-1	51.2753	9.8	...	...	...	24.921	+26.288	-5	...	...	...	...	...	17.181	+12.255	-3	...	...	...	...
...	31.628	-11.974	-3	51.2754	9.8	†	...	...	24.882	+1.966	0.75	50.2868	9.7	...	...	...	17.116	+17.016	0.70	50.2880	9.7	...	...
21I	-31.494	+19.842	-3	...	...	27I			-24.771	+2.371	-4	50.2869	9.8	...	...	33I	-17.075	+40.722	0.85	50.2881	9.6	...	...
...	31.460	+29.062	-5	...	...	...	...	...	24.656	-33.452	-5	...	...	...	...	...	16.973	-26.656	-4	...	...	...	...
...	31.459	+33.491	-1	50.2852	9.8	n	...	...	24.522	-31.491	-3	51.2764	9.8	...	...	...	16.932	+47.658	-4	...	...	...	...
...	31.196	+31.080	-3	50.2853	9.8	...	...	...	24.522	-43.607	-5	...	...	...	...	...	16.819	-28.809	-4	...	...	...	...
*	30.956	+28.476	0.95	50.2854	9.5	...	...	...	24.520	+32.668	-4	...	...	...	...	...	16.807	-27.885	-5	...	...	...	...
...	-30.928	+37.724	-2	50.2855	9.8	n	...	...	-24.307	-31.654	-2	51.2764	9.8	...	...	...	-16.741	-43.028	-5	...	...	...	...
...	30.816	+43.046	-2	50.2856	9.8	*	...	...	24.284	-28.048	1.00	51.2765	9.4	...	...	...	16.690	-38.715	-5	...	...	...	...
...	30.363	-36.934	-4	...	...	...	...	...	24.185	-35.664	-5	...	...	...	...	...	16.619	-23.931	-5	...	...	...	...
...	30.307	-0.432	-5	...	...	...	...	...	24.143	-2.750	-4	...	...	...	...	*	16.379	-44.689	0.90	51.2783	9.5	...	...
...	30.306	+31.148	-3	50.2857	9.8	...	...	...	24.072	+56.187	-5	...	...	...	...	...	16.266	-33.368	-4	...	...	...	...
22I	-30.301	-32.433	-4	...	...	28I			-23.947	+36.897	0.90	50.2870	9.6	...	...	34I	-16.234	-34.086	-3	...	...	...	...
...	30.000	+30.335	-4	...	...	...	...	...	23.905	-14.687	-5	...	...	...	...	...	16.113	-56.451	-4	...	...	...	...
†	29.899	-34.974	-2	51.2755	9.7	...	...	...	23.825	+30.808	0.75	50.2871	9.6	...	...	...	15.895	-3.443	-5	...	...	...	...
*	29.824	+22.813	-4	...	...	...	...	...	23.738	+55.603	-5	...	...	...	...	*	15.882	-49.211	1.40	51.2784	8.6	...	...
...	29.769	+36.100	1.15	50.2858	8.9	...	...	...	23.686	-35.763	-5	...	...	...	...	...	15.427	+12.748	-5	...	...	...	...
...	-29.700	-58.702	-5	...	...	...	...	...	-23.618	-40.835	-2	51.2766	9.8	...	...	...	-15.394	+59.774	-3	49.2942	9.8	...	...
...	29.566	-56.862	-5	...	...	...	...	...	23.386	+35.785	-4	...	...	...	...	...	15.309	-12.153	-3	51.2786	9.8	...	...
†	29.439	+54.871	0.75	49.2910	9.8	...	...	...	23.279	-57.631	-5	...	...	...	...	...	15.295	+20.187	0.75	50.2882	9.6	...	...
...	29.246	+35.088	0.70	50.2860	9.6	...	...	...	23.112	-28.298	-2	51.2768	9.8	...	...	...	15.095	-41.997	-5	...	...	...	...
...	29.200	+54.259	-2	49.2912	9.8	†	...	...	23.056	-29.798	-4	51.2767	9.8	...	...	...	14.956	-57.917	-4	...	...	...	...
23I	-29.173	-53.582	-5	...	...	29I			-22.954	+41.009	-4	...	...	...	...	35I	14.921	-42.200	-5	...	...	...	...
...	29.086	-50.789	-4	...	...	...	...	...	22.203	+16.945	-5	...	...	...	...	...	14.629	-47.088	-4	...	...	...	...
...	28.973	-4.358	-4	50.2859	9.8	...	...	...	22.121	-32.951	-5	...	...	...	...	...	14.537	-49.394	-3	51.2787	9.8	...	...
...	28.388	+40.764	-5	...	...	...	...	...	21.977	-45.046	-3	51.2769	9.7	...	...	...	14.521	+14.650	-5	...	...	...	...
...	28.350	-3.091	-4	...	...	...	...	...	21.857	-19.327	-4	...	...	...	...	...	14.486	+46.168	-4	...	...	...	...
...	-28.289	-57.310	-5	...	...	...	...	...	-21.832	-42.597	0.70	51.2771	9.8	...	...	...	-14.299	+26.685	0.75	50.2883	9.5	...	...
*	28.280	-3.957	1.20	50.2861	9.0	...	...	...	21.590	-40.172	-5	...	...	...	...	...	14.281	-41.597	-4	...	...	...	...
*	28.195	-54.669	0.95	51.2756	9.4	...	...	...	21.366	+23.853	-5	...	...	...	...	...	14.251	+56.165	-4	...	...	...	...
*	28.124	+28.667	1.05	50.2862	9.2	...	...	...	21.301	-27.157	0.75	51.2772	9.6	...	...	...	14.219	-21.461	-4	...	...	...	...
...	28.017	+46.911	-5	...	...	...	...	...	21.295	-27.248	-5	...	...	...	...	...	14.142	-32.034	-4	...	...	...	...

M
§ 10·5 = D, - 5.
259, 26I. C.P.D., suspected double.
273, 276. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-420						421-480						481-540					
36I	-14.085	+11.630	0.85	50.2884	9.4	42I	-5.773	-18.101	-4	...	...	48I	+2.159	+33.405	-4	...	...
...	13.994	+28.180	-3	...	...	...	5.726	+43.656	-5	...	...	...	2.273	-41.286	-5	...	...
*	13.991	+12.613	1.20	50.2885	8.7	...	5.718	+46.869	0.70	50.2900	9.6	*	2.305	-48.029	1.00	51.2813	9.1
...	13.979	-40.020	-3	...	...	...	5.380	-34.139	-5	...	...	*	2.375	+11.787	1.00	50.2913	9.2
*	13.904	+23.794	1.10	50.2886	9.0	...	5.367	+34.515	-5	...	...	...	2.463	-45.088	-4	...	...
...	-13.691	-47.715	0.90	51.2788	9.6	...	-5.260	+7.206	-5	...	...	...	+2.554	+55.391	-2	49.2970	9.8
...	13.676	+44.638	-5	...	...	...	5.170	-25.205	-5	51.2801	9.7	...	2.656	-46.317	-4	51.2814	9.8
...	13.334	+10.279	0.90	50.2887	9.2	...	4.884	+36.984	-5	...	...	*	2.686	-52.145	0.90	51.2815	9.5
...	13.283	+47.943	-5	...	...	...	4.673	+9.590	0.90	50.2901	9.4	*	2.747	+39.254	1.20	50.2914	8.9
...	13.210	-12.570	-5	...	...	...	4.486	-44.807	-5	...	...	...	2.753	+17.835	-5	...	...
37I	-13.173	+55.527	0.90	49.2946	9.6	43I	-4.439	-29.948	-3	51.2802	9.8	49I	+2.889	-42.592	-3	51.2817	9.8
...	13.171	+57.355	-3	49.2945	9.8	...	4.284	-5.680	0.70	50.2902	9.5	*	2.955	-48.940	0.90	51.2818	9.4
...	13.040	+37.702	-3	...	...	...	4.149	-57.168	-4	...	...	...	3.008	-7.634	0.85	51.2816	9.6
...	13.026	-58.911	-4	...	...	...	4.067	+33.020	-5	...	...	...	3.051	+54.027	-3	...	...
...	12.966	-37.684	-4	...	...	...	3.987	+48.860	-5	...	...	...	3.066	-41.167	-4	...	...
*	-12.771	-56.001	0.90	51.2789	9.5	...	-3.885	-50.408	-4	...	...	...	+3.117	-42.861	-5	...	...
...	12.717	-2.249	0.65	50.2888	9.8	...	3.846	-40.755	-4	51.2803	9.8	...	3.195	-57.050	-4	...	...
...	12.609	-49.254	-4	...	...	...	3.828	+53.941	0.90	49.2961	9.6	...	3.215	-35.996	0.70	51.2819	9.7
*	12.496	+8.336	3.50	50.2889	7.3	...	3.638	+8.057	-5	...	...	...	3.299	-42.702	-5	...	...
*	12.441	-17.209	1.00	51.2791	9.3	*	3.315	-47.685	1.10	51.2805	9.3	...	3.547	-3.911	-5	...	...
38I	-12.360	-1.901	-4	50.2890	9.8	44I	-3.260	+23.401	-4	...	...	50I	+3.601	-35.792	-5	...	...
...	12.354	-35.275	-3	51.2790	9.8	...	3.202	+2.073	-4	50.2903	9.8	*	3.947	-54.353	0.95	51.2823	9.4
...	12.349	+53.459	-2	49.2948	9.8	...	2.993	-30.250	-4	...	...	*	4.114	-41.065	1.10	51.2824	9.0
...	12.344	+50.232	-3	...	...	*	2.989	-30.106	0.85	51.2806	9.4	...	4.144	-42.576	-3	51.2825	9.8
*	12.197	-50.002	0.95	51.2792	9.4	...	2.851	+9.123	-5	...	...	...	4.148	+26.127	-5	...	...
...	-12.016	+56.179	-4	...	...	S *	-2.707	+46.318	1.05	50.2904	8.9	*	+4.317	+25.583	1.40	50.2915	8.5
...	11.794	-23.226	0.80	51.2793	9.5	...	2.635	-52.126	-4	...	...	...	4.501	-57.570	-5	...	...
...	11.613	+36.995	-3	...	...	...	2.552	-21.850	-5	...	...	*	5.043	-5.148	0.90	50.2916	9.4
...	11.128	+14.604	-4	...	...	...	2.549	-19.247	-5	...	...	...	5.269	-28.011	-1	51.2826	9.8
...	11.122	-29.029	-4	...	...	...	2.464	+15.857	-4	...	...	...	5.318	-40.766	-5	...	...
39I	-10.850	-32.418	-1	51.2795	9.8	45I	-2.405	-0.748	0.70	50.2905	9.6	51I	+5.356	-27.473	-4	51.2827	9.8
N	10.362	-36.119	-4	...	...	...	2.294	-41.267	-5	...	...	*	5.385	-38.232	1.00	51.2828	9.4
...	10.207	-51.807	-5	...	...	*	2.236	+55.657	1.00	49.2964	9.4	...	5.744	+52.173	-1	50.2917	9.6
...	10.160	-37.326	-4	...	...	...	1.782	+4.385	0.85	50.2906	9.5	...	5.975	+46.385	-3	50.2918	9.8
†	9.885	-58.789	-5	...	...	*	1.528	+29.027	1.20	50.2907	8.9	...	6.015	-32.616	-4	...	...
...	-9.849	+36.514	-4	50.2891	9.8	...	-1.142	+43.365	0.70	50.2908	9.6	...	+6.121	+14.892	0.90	50.2919	9.3
...	9.764	-34.042	-5	...	...	*	1.112	-26.455	1.50	51.2808	8.6	*	6.209	+20.400	1.00	50.2920	9.2
*	9.584	+29.919	0.90	50.2892	9.3	...	0.979	+57.364	-5	...	...	...	6.327	+52.556	-4	...	...
S *	9.491	-21.359	2.20	51.2796	8.0	...	0.727	-55.455	-4	...	...	...	6.616	+58.931	-4	...	...
...	9.204	+49.230	-4	...	...	†	0.707	+54.923	1.00	49.2966	9.4	a *	6.725	+0.574	1.00	50.2921	9.3
40I	-9.090	+37.534	-4	50.2893	9.8	46I	-0.602	+57.943	-5	...	...	52I	+6.728	-59.671	-4	...	...
...	9.026	-33.675	-5	...	...	...	0.405	-43.232	-4	...	...	...	6.769	-38.771	-3	...	...
...	8.902	-40.314	-3	51.2797	9.8	...	0.246	-49.524	-4	51.2809	9.8	...	7.030	+7.255	-4	...	...
...	8.757	-55.781	-5	...	...	...	-0.179	-42.585	-5	...	...	...	7.162	+37.277	-5	...	...
...	8.633	+3.653	-4	...	...	...	+0.303	-30.437	-5	...	...	...	7.391	-31.940	-3	51.2829	9.8
...	-8.491	-1.765	-5	...	...	...	+0.360	-14.733	-4	...	...	...	+7.707	+2.410	-3	50.2922	9.8
...	8.314	-40.025	-3	51.2799	9.8	...	0.612	-29.412	-3	51.2810	9.8	...	7.891	-51.881	-4	...	...
...	8.221	-39.380	-5	...	...	...	0.766	-50.821	-4	...	...	*	8.054	+17.315	0.95	50.2923	9.4
...	8.214	+48.694	-5	...	...	...	0.844	+53.848	-3	49.2969	9.8	...	8.089	+18.479	-3	...	...
...	8.167	+29.966	-4	50.2895	9.8	...	0.923	-41.439	-4	...	...	...	8.266	+10.497	-5	...	...
41I	-8.108	-5.401	0.65	50.2894	9.7	47I	+1.082	-31.280	-4	...	...	53I	+8.278	-18.307	-2	51.2830	9.8
...	8.104	-57.092	-5	...	...	...	1.111	-43.649	-1	51.2811	9.6	*	8.328	-22.955	1.00	51.2831	9.2
*	8.064	+41.734	1.20	50.2896	8.9	...	1.186	+50.877	-3	50.2909	9.8	...	8.508	-37.284	-4	...	...
*	8.047	+11.856	1.00	50.2897	9.1	...	1.297	-51.605	-4	...	...	S *	8.562	+29.115	1.70	50.2924	8.5
...	7.771	+18.566	-5	...	...	...	1.553	+50.067	0.90	50.2911	9.4	...	8.639	-53.680	-1	51.2832	9.6
...	-7.418	-50.747	-4	...	...	*	+1.573	+42.124	0.90	50.2910	9.4	...	+8.856	-2.619	-4	50.2925	9.8
...	7.196	-32.166	-5	...	...	...	1.922	+22.127	-5	...	...	...	8.911	-50.012	-3	51.2833	9.8
...	6.825	+43.675	-1	50.2898	9.8	...	1.956	+44.386	-2	50.2912	9.8	...	9.304	+1.477	-3	50.2927	9.8
...	6.042	-44.657	-3	51.2800	9.8	...	1.988	-34.375	-1	51.2812	9.6	...	9.406	+39.689	-5	...	...
...	6.031	+22.176	-1	50.2899	9.5	...	1.998	-42.148	-5	...	...	†	9.406	+44.967	0.80	50.2926	9.6

§ 10.5 = D, - 5.
392. Partly obscured by fault.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.							
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.						
541-600						601-660						661-720											
54I	+	9.788	-14.213	-3	...	60I	+	20.795	-52.097	-3	51.2870	9.8	66I	+	30.857	-46.620	1.00	51.2896	9.4				
...	...	9.930	-32.637	-4	...	...	...	20.853	-47.047	-5	...	...	...	...	30.863	-42.448	-5	...	...				
†	9.967	+	6.171	0.90	50.2928	9.4	...	20.894	-49.062	-3	...	...	*	30.874	+	34.703	1.10	50.2958	9.1				
...	10.955	+	9.390	-1	50.2929	9.6	...	21.261	-0.754	-5	...	...	...	...	30.922	-10.840	-5	...	...				
*	11.020	-21.111	1.10	51.2837	8.9	*	21.302	-56.373	0.90	51.2872	9.5	...	...	31.005	-23.089	-2	51.2895	9.8					
...	+	11.021	-56.187	-1	51.2838	9.6	*	+	21.463	-41.647	1.00	51.2873	9.3	...	+	31.029	-21.229	-5	...	...			
...	11.168	-29.216	-3	51.2839	9.8	...	...	21.915	-58.702	-3	51.2875	9.8	*	31.069	-10.875	1.00	51.2894	9.1					
...	11.409	+	46.635	0.70	50.2930	9.6	...	21.938	+	31.521	-4	...	...	31.210	+	50.909	-5	...	...				
...	11.469	+	26.139	0.70	50.2931	9.5	...	22.788	-51.738	0.90	51.2877	9.5	...	31.270	-43.298	-4	...	...					
...	11.593	+	31.653	-1	50.2933	9.8	...	22.831	+	30.358	-4	...	...	31.493	-12.581	-3	51.2897	9.6					
55I	+	11.507	+	34.116	0.65	50.2932	9.8	61I	+	23.038	-47.424	-5	...	...	67I	+	31.527	-16.231	-5	...	...		
...	11.544	+	27.050	-4	50.2934	9.8	...	23.073	+	45.863	-3	...	...	...	31.967	+	50.897	-1	50.2959	9.6			
*	11.579	-54.045	1.05	51.2842	9.2	...	23.114	-51.700	-3	51.2878	9.8	...	...	...	32.295	+	58.233	-5	...	...			
...	11.583	-13.568	0.70	51.2841	9.6	...	23.449	+	17.549	0.80	50.2944	9.7	...	...	33.129	-6.223	-4	50.2961	9.8				
...	12.144	-29.404	-5	...	...	†	23.641	-4.781	-4	...	...	...	...	...	33.247	-39.068	-4	...	...				
*	+	12.178	-44.459	1.00	51.2843	9.3	...	+	23.774	+	7.261	-3	50.2946	9.8	*	+	33.371	+	24.522	0.85	50.2960	9.4	
*	12.739	-49.307	0.90	51.2844	9.4	...	23.799	+	51.905	-2	50.2945	9.8	...	...	33.386	+	14.587	-5	...	...			
...	12.923	-57.298	-4	51.2845	9.8	...	24.188	+	15.942	-1	50.2947	9.8	...	...	33.858	-52.678	-5	...	...				
*	13.135	-46.651	1.05	51.2846	8.9	...	24.434	+	4.668	-4	...	...	...	...	33.899	-22.636	-5	...	...				
...	13.427	-36.821	-5	...	...	S *	24.482	-13.616	1.15	51.2879	8.8	S *	33.912	+	11.334	1.20	50.2962	8.8	...	...			
56I	+	13.435	-2.333	-5	...	62I	+	24.505	+	0.050	-5	a	...	...	68I	+	34.292	-0.768	-5	...	...		
...	13.493	+	36.168	-4	50.2935	9.8	...	24.638	-44.275	-3	51.2880	9.8	...	...	...	34.745	-10.393	-5	...	...			
...	14.002	-30.988	0.70	51.2849	9.5	...	24.892	-21.719	-1	51.2881	9.8	...	...	...	34.751	-0.555	-5	...	...				
...	14.308	-56.635	-4	51.2852	9.8	...	24.986	+	38.694	-3	...	...	†	34.908	+	30.607	1.10	50.2963	9.1				
...	14.402	+	35.128	-5	...	*	25.600	-40.977	0.85	51.2883	9.5	...	...	†	34.940	-12.182	-1	51.2898	9.6				
...	+	14.496	-20.602	0.70	51.2850	9.5	...	+	25.799	-34.881	-2	51.2884	9.8	...	...	+	35.041	+	20.687	-1	50.2964	9.7	
...	14.796	-56.106	0.80	51.2853	9.4	...	25.898	+	53.766	-5	...	...	...	...	...	35.087	-17.422	-4	...	...			
...	15.102	+	43.502	0.80	50.2936	9.4	*	25.993	+	33.664	0.95	50.2948	9.4	...	...	...	35.304	+	15.070	0.90	50.2965	9.3	
...	15.166	-20.033	-2	51.2854	9.6	...	26.205	+	23.478	-5	...	...	...	...	...	35.398	+	15.344	-1	50.2966	9.5		
...	15.315	-59.260	-3	51.2857	9.8	...	26.293	-7.625	-5	...	...	...	...	...	...	35.430	-5.827	-5	...	...			
57I	+	15.559	-33.143	-4	51.2856	9.8	63I	+	26.311	-29.004	-5	...	...	69I	+	35.538	+	53.197	-4	49.3019	9.8		
...	15.714	-7.878	-1	51.2855	9.6	...	26.427	-54.259	-1	51.2885	9.7	...	...	...	...	35.679	+	30.826	0.70	50.2967	9.6		
*	15.801	-46.772	0.90	51.2858	9.4	...	26.550	+	58.834	-4	...	...	...	...	...	35.922	+	47.731	-3	50.2968	9.8		
...	15.803	+	52.544	-4	50.2937	9.8	...	26.575	+	15.854	-2	50.2949	9.8	...	...	...	36.281	-4.079	0.70	50.2970	9.6		
...	15.987	-39.080	-5	...	...	*	27.016	+	23.301	1.30	50.2950	8.5	...	...	...	36.365	+	48.171	-4	...	...		
...	+	16.005	+	26.723	-2	50.2938	9.6	...	+	27.130	-45.971	-4	51.2887	9.8	...	...	+	36.430	+	58.941	-5	...	...
...	16.283	+	47.149	-5	...	...	...	27.503	-20.700	-1	51.2886	9.5	...	*	...	36.896	+	46.142	1.00	50.2969	9.4		
...	16.702	-28.619	-4	51.2859	9.8	...	...	27.540	+	22.136	-4	...	...	...	...	36.987	-53.299	-5	...	...			
...	16.778	-57.405	-5	...	...	...	...	27.639	+	33.249	0.85	50.2951	9.4	...	...	...	37.038	-46.391	-1	51.2900	9.6		
*	16.804	-15.058	1.00	51.2860	9.4	...	27.737	+	54.888	-3	...	...	...	...	...	37.052	-14.124	-5	...	...			
58I	+	17.238	+	39.302	-5	50.2939	9.8	64I	+	28.016	-5.451	-5	...	...	70I	+	37.146	-1.746	-5	...	...		
...	17.283	-9.266	-4	51.2862	9.8	...	28.254	+	6.393	-3	50.2952	9.8	...	...	...	37.469	+	8.180	-4	50.2971	9.8		
...	17.468	-49.991	-1	51.2863	9.6	*	28.885	-39.032	0.90	51.2888	9.4	...	...	...	...	37.508	-4.611	-4	...	...			
...	17.509	+	50.890	-3	50.2940	9.7	...	28.972	-55.397	-1	51.2889	9.5	...	*	...	37.521	-10.578	1.10	51.2899	9.1			
...	17.616	-4.714	0.70	50.2941	9.6	...	29.016	-54.467	-4	...	...	...	...	...	...	37.708	-36.788	-5	...	...			
*	+	17.638	-42.122	0.90	51.2864	9.5	...	+	29.079	-53.267	-4	...	...	...	...	...	+	37.855	-51.030	-5	...	...	
...	17.983	+	27.152	-5	...	...	...	29.331	+	21.992	-4	...	...	...	...	...	...	38.263	-42.803	-1	51.2903	9.8	
...	18.200	+	55.185	0.70	49.2996	9.6	*	29.687	-13.330	1.00	51.2890	8.9	...	...	...	...	38.415	-19.825	0.70	51.2901	9.6		
...	18.675	-39.593	-5	...	...	...	29.716	-13.548	-2	...	...	...	...	...	...	38.624	+	10.110	-3	50.2972	9.8		
...	18.780	+	12.435	-5	...	†	29.879	+	32.375	-1	50.2953	9.5	...	*	...	38.782	-16.859	1.05	51.2904	9.2			
59I	+	18.971	+	1.662	1.10	50.2942	9.2	65I	+	29.976	-38.082	-5	...	...	71I	+	39.034	+	35.099	-5	...	...	
...	18.973	-35.330	-4	51.2865	9.8	...	†	30.130	-38.750	-4	...	...	...	...	...	...	39.440	+	15.435	-4	...	...	
...	19.008	-13.716	-5	...	...	...	...	30.190	+	50.644	0.85	50.2955	9.6	S *	...	...	39.498	+	42.067	1.30	50.2973	8.6	
*	19.759	-34.386	0.95	51.2867	9.3	...	...	30.258	+	51.139	0.90	50.2954	9.4	...	...	...	39.523	-24.356	-5	...	...		
*	20.064	-48.195	-5	...	...	...	...	30.310	-47.721	-5	...	...	...	...	...	...	39.678	-33.869	0.70	51.2906	9.8		
...	+	20.115	-22.284	1.10	51.2868	8.9	...	+	30.497	-12.396	-3	51.2892	9.8	...	*	...	+	39.735	+	38.589	0.95	50.2974	9.2
...	20.184	+	57.161	-4	...	...	...	30.497	+	50.669	-2	50.2956	9.6	...	...	...	...	39.805	+	45.246	-5	...	...
...	20.367	+	10.009	0.80	50.2943	9.6	...	30.650	+	15.198	-5	...	...	...	...	...	...	39.890	-34.067	0.85	51.2907	9.5	
...	20.443	-57.961	-4	51.2869	9.8	...	...	30.783	+	38.105	-1	50.2957	9.6	...	...	...	...	39.985	+	41.127	-5	...	...
...	20.660	+	50.691	-5	...	...	...	30.818	-24.172	-3	51.2893	9.8	...	...	...	...	...	40.038	+	15.327	-3	50.2975	9.8

M
§ 10.5=D, -5.

Notes.	Co-ordinates.		Diam	C.P.D.		Notes.	Co-ordinates.		Diam	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		§	No.
721-750						751-780						781-798					
72I						75I						78I					
*	+40'362	+53'534	0.90	49.3025	9.5	...	+46'349	+43'139	-5	...	...	*	+56'367	+23'775	1.60	50.2992	8.5
...	40'420	-27'062	0.80	51.2908	9.5	...	46'458	+23'656	-5	...	...	e	56'409	-52'280	-4	51.2931	9.8
*	40'750	+15'412	1.00	50.2976	9.2	*	46'734	+38'300	0.90	50.2986	9.5	*	56'858	+55'220	1.05	49.3048	9.1
...	40'767	+19'481	-5	...	...	*	47'102	+42'932	1.00	50.2987	9.4	...	57'226	+52'002	-5	...	...
*	41'301	-52'250	1.00	51.2910	9.3	...	47'221	+40'673	-2	50.2988	9.5	...	57'270	-21'000	-4	e	...
...	+41'369	+49'104	-3	50.2977	9.8	...	+47'862	+1'903	-5	...	...	...	+57'533	+49'534	-3	50.2993	9.8
*	41'481	+40'857	0.95	50.2978	9.4	...	48'072	-55'403	-4	51.2916	9.8	...	57'702	+22'316	-4	50.2995	9.8
...	41'591	-14'179	-3	...	...	...	48'408	-29'568	-5	...	...	...	57'734	+48'105	-5	50.2994	9.8
*	41'664	-34'095	0.90	51.2909	9.5	...	48'455	-24'592	-4	...	...	...	58'074	+27'364	-4	...	...
...	41'757	+33'368	-2	50.2979	9.8	*	49'022	-14'342	1.00	51.2917	9.3	...	58'139	+9'962	0.75	50.2996	9.6
73I						76I						79I					
...	+41'915	+33'598	0.80	50.2980	9.5	...	+49'438	-41'455	-5	...	...	...	+58'427	+34'617	-5	...	...
...	41'967	-11'658	-4	...	...	...	49'577	+14'458	-3	50.2989	9.8	...	58'432	-14'838	-4	e	...
†	42'263	+25'080	0.85	50.2981	9.4	...	49'860	-55'685	-4	51.2921	9.8	...	58'521	+7'310	0.80	50.2999	9.5
...	42'502	+4'934	-5	...	...	...	50'300	-37'410	0.90	51.2922	9.5	...	58'577	-47'035	-5	e	...
...	42'550	-24'295	-4	...	...	*	50'664	-34'998	1.80	51.2923	8.3	...	58'637	+33'337	-5	50.2997	9.8
...	+42'637	+42'872	-4	50.2982	9.8	*	+50'798	-47'350	1.05	51.2926	9.2	...	+58'640	+23'637	-3	50.2998	9.7
...	42'734	-58'832	-4	...	...	S *	50'936	-34'272	2.20	51.2924	8.0	e	59'225	-58'988	-5	51.2934	9.7
...	42'915	-24'984	-5	...	...	...	50'941	+32'367	0.90	50.2990	9.5	...	59'265	+2'750	-1	50.3000	9.7
*	43'061	+3'087	0.95	50.2983	9.3	...	51'600	-8'597	-1	51.2925	9.8						
...	43'074	-17'112	-3	...	...	...	51'694	+39'967	0.70	50.2991	9.5						
74I						77I											
...	+43'440	-32'475	-5	...	...	...	+52'819	+54'911	-2	49.3036	9.8						
...	43'579	+38'539	-5	...	...	...	53'120	+9'363	-5	...	...						
...	44'179	+50'676	-5	...	...	...	53'199	+35'696	-5	...	...						
...	44'358	-25'971	-5	...	...	e	53'963	-56'918	-1	51.2927	9.5						
†	44'741	+48'571	-2	50.2984	9.8	e	54'203	-49'824	0.75	51.2928	9.5						
...	+44'745	+26'697	-5	...	...	...	+54'368	+54'297	-1	49.3039	9.5						
...	45'347	+52'202	0.90	50.2985	9.4	...	55'426	-1'688	-4	e	...						
...	46'011	-22'282	-2	51.2912	9.7	...	56'044	+6'742	-5	...	...						
...	46'027	-36'550	-2	51.2914	9.8	...	56'113	+27'108	-5	...	...						
*	46'053	-21'851	0.95	51.2913	9.4	e	56'219	-54'121	-5	51.2930	9.8						

$$\begin{matrix} M \\ \S 10.5 = D, -5. \end{matrix}$$

1-20						21-40						41-60					
I	...	...	...	...	...	2I	...	...	...	...	...	4I	...	...	...	...	...
...	-59'530	-30'065	-5	...	...	...	-56'342	+27'392	-4	...	...	...	-52'876	+24'653	0.90	50.3002	9.8
...	59'253	+19'033	-5	...	...	...	56'298	+34'663	-3	...	...	...	52'834	-46'929	-3	E	...
...	59'026	-37'760	-5	...	...	...	56'051	+33'379	-2	50.2997	9.8	...	52'662	-13'309	0.85	51.2933	9.8
...	58'777	-22'941	-5	...	...	...	55'634	+23'695	0.85	50.2998	9.7	†	52'524	+15'358	0.70	...	...
†	58'696	+55'174	1.40	49.3048	9.1	*	55'579	+9'998	0.95	50.2996	9.6	...	52'342	+5'176	-5	...	...
...	-58'344	+41'324	-5	...	...	...	-55'190	-20'964	0.70	E	...	*	-52'277	+37'810	1.20	50.3003	8.9
...	58'293	+27'060	-4	...	...	...	55'115	-33'376	-5	...	...	...	52'216	-40'166	-5	...	...
...	58'185	+51'975	-5	...	...	...	55'086	+7'367	0.90	50.2999	9.5	...	51'982	+26'196	0.85	50.3004	9.8
*	57'901	+23'737	2.00	50.2992	8.5	...	55'018	-56'102	-5	...	...	...	51'909	+52'934	-4	...	...
...	57'811	-1'755	-3	E	...	E †	54'903	-54'117	-4	51.2930	9.8	...	51'874	-53'438	-5	...	...
II	...	...	...	...	...	3I	...	...	...	...	...	5I	...	...	...	...	...
...	-57'788	+49'522	-1	50.2993	9.8	E †	-54'782	-52'256	-2	51.2931	9.8	...	-51'726	-22'406	-5	...	...
...	57'551	+48'123	-1	50.2994	9.8	...	54'312	+7'576	-5	...	...	E	51'712	-58'844	-2	51.2934	9.7
...	57'360	+57'577	-5	...	...	...	54'285	-14'753	0.70	E	...	...	51'504	+11'623	0.70	...	...
E	57'081	-49'901	1.00	51.2928	9.5	...	54'169	+2'850	0.85	50.3000	9.7	...	51'500	+3'812	0.70	...	...
E	57'050	-56'997	-1	51.2927	9.5	...	53'796	-30'995	-4	...	...	*	51'445	+30'579	0.95	50.3006	9.6
...	-57'034	+59'123	-5	...	...	...	-53'662	+36'589	0.90	50.3001	9.6	...	-51'084	+14'726	0.75	50.3005	9.8
...	56'873	+14'324	-5	...	...	...	53'378	-47'026	-3	...	...	*	51'078	+29'090	0.95	50.3007	9.8
...	56'715	+20'606	-5	...	...	...	53'361	-41'284	-5	...	...	...	50'873	+38'205	0.95	50.3008	9.6
...	56'511	+22'336	0.70	50.2995	9.8	...	53'268	+11'383	-3	...	...	*	50'809	-32'283	1.00	51.2935	9.4
...	56'412	+21'286	-5	...	...	...	53'039	-41'432	-4	...	...	...	50'195	+28'705	-3	...	...

L measured from 1, 144, 304, 498, 695, 935.
C " " 64, 227, 390, 595, 809, 1062.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
61-120						121-180						181-240					
6I	-50°053	-14°33I	-5	...	...	12I	-42°045	+25°017	0.65	...	...	18I	-35°142	+40°824	-3	...	...
+	49°896	+25°973	1.00	50.3009	9.1	...	41°982	+35°933	0.85	50.3023	9.7	...	34°476	-32°996	-5	...	...
+	49°827	+25°998	1.00	...	...	...	41°856	-44°382	-1	...	...	...	34°355	-0°896	-5	...	...
...	49°792	+35°554	-4	...	...	...	41°673	+3°932	-4	...	...	...	34°073	-32°566	-5	...	...
...	49°693	-20°03I	0.70	51.2937	9.8	...	41°656	+1°95I	-5	B	...	...	34°070	+51°456	-2	50.3034	9.8
*	-49°497	-19°358	2.00	51.2938	7.7	...	-41°519	-14°728	-2	51.2954	9.8	*	-34°030	-35°744	0.90	51.2967	9.6
*	49°495	-19°230	3.00	...	...	...	41°51I	-19°349	-4	...	...	...	33°988	+26°402	-3	...	...
...	49°090	+2°375	-2	...	...	...	41°344	+35°132	-4	...	...	...	33°86I	+46°569	-3	...	...
...	49°01I	+5°412	0.90	50.3010	9.7	...	41°303	-38°526	0.90	51.2953	9.8	S *	33°843	+36°08I	1.70	50.3033	8.6
...	48°819	+44°062	-5	...	...	...	41°222	-55°192	0.70	51.295I	9.8	*	33°757	+59°910	1.00	49.3094	9.2
7I	-48°806	+4°21I	1.20	50.301I	9.0	13I	-41°102	-57°768	0.65	51.2952	9.8	19I	-33°605	-42°266	3.00	51.2968	8.0
*	48°76I	+42°472	-2	...	...	...	41°002	+10°740	-3	...	...	...	33°162	-8°674	-5	...	...
...	48°633	+10°080	0.95	50.3012	9.5	...	40°944	+46°37I	0.75	50.3026	9.8	...	33°043	+18°833	0.80	50.3035	9.8
...	48°44I	+1°602	-3	...	...	...	40°93I	+28°743	0.70	50.3024	9.8	...	32°976	+14°966	-3	...	...
...	48°262	+51°789	-3	50.3013	9.8	...	40°904	+25°150	-5	...	...	...	32°934	-42°487	-2	...	...
*	-48°187	-15°746	1.20	51.2939	9.0	...	-40°78I	-19°718	-5	...	...	...	-32°784	-16°406	0.80	51.2969	9.8
...	47°879	-6°914	-5	...	...	...	40°662	+21°849	0.70	50.3025	9.8	...	32°754	-58°78I	-5	...	...
*	47°77I	-34°368	1.50	51.294I	8.9	...	40°440	+11°057	0.75	50.3027	9.8	...	32°737	-29°380	0.70	...	...
...	47°696	+27°996	-5	...	...	...	40°423	+35°66I	-2	...	...	...	32°720	+16°403	-4	...	...
...	47°662	+32°67I	-5	...	...	...	40°29I	+19°106	0.70	...	...	...	32°643	-3°563	-3	...	...
8I	-47°588	+47°896	-4	...	...	14I	-40°180	+29°405	-5	...	...	20I	-32°634	-14°057	-4	...	...
...	47°475	-55°960	-1	51.2940	9.8	...	40°139	-14°402	0.80	51.2955	9.8	...	32°615	+15°479	-5	...	...
...	47°072	-49°825	0.65	51.2942	9.8	+	39°938	-9°098	1.40	51.2957	8.9	...	32°513	+43°580	-5	...	...
*	46°785	-21°089	1.10	51.2944	9.2	+	39°869	-6°743	0.75	50.3028	9.8	...	32°502	+1°067	-5	...	...
...	46°707	+54°290	-1	49.308I	9.8	...	39°623	-37°883	0.70	51.2956	9.8	...	32°445	-7°364	-5	...	...
...	-46°552	+6°17I	-4	...	...	*	-39°544	-20°880	1.00	51.2960	9.5	...	-32°393	-4°182	-5	...	...
...	46°533	+8°136	-3	...	...	...	39°316	+54°390	-5	...	...	...	32°374	+17°092	-2	...	...
...	46°312	-56°836	-4	...	...	*	39°181	+6°127	1.10	50.3029	9.0	...	32°285	-0°682	-5	...	...
†	46°309	+0°307	0.70	50.3014	9.8	...	39°133	-58°968	-1	51.2959	9.7	...	32°200	+6°949	-3	...	...
...	46°206	-23°823	-5	...	...	...	38°922	+14°570	-5	...	...	...	32°125	-32°534	0.70	...	...
9I	-46°204	-54°838	-3	...	...	15I	-38°875	+28°768	-5	...	...	21I	-32°109	-4°06I	0.70	...	...
...	46°188	+21°204	-5	...	...	...	38°678	+35°917	-5	...	...	*	31°769	-34°349	1.80	51.2970	8.8
...	46°084	+29°719	-5	...	...	...	38°400	+13°787	-4	...	...	...	31°230	-11°227	-4	...	...
...	46°06I	+52°263	-3	...	...	...	38°089	+30°12I	-5	...	...	...	31°154	+24°130	-5	...	...
*	45°713	+39°092	0.75	50.3016	9.8	...	38°015	+26°268	-5	...	...	...	31°093	+27°186	-5	...	...
...	-45°655	+41°998	1.10	50.3017	9.4	...	-37°822	+50°848	0.90	50.3030	9.6	...	-30°845	-15°825	-2	...	...
...	45°545	+27°893	-2	...	...	*	37°750	-40°83I	1.00	51.2963	9.4	*	30°577	-47°082	1.00	51.297I	9.2
...	45°366	+8°076	-4	...	...	...	37°730	+37°977	-3	...	...	...	30°536	+15°060	-2	50.3036	9.8
...	45°277	+5°198	0.95	50.3015	9.8	...	37°628	+23°384	-2	...	...	...	30°535	-48°797	-5	...	...
*	45°197	-32°749	2.30	51.2945	8.4	...	37°497	+2°852	-5	...	...	...	30°48I	+20°710	0.90	50.3037	9.6
10I	-45°137	+6°185	-4	...	...	16I	-37°275	+15°568	1.00	50.303I	9.4	22I	-30°408	-24°668	1.00	51.2972	9.4
+	44°907	-43°70I	1.00	51.2946	9.4	*	36°919	-34°738	-5	...	...	+	30°358	-31°575	-3	...	...
S	44°904	+9°969	4.00	50.3018	7.2	...	36°913	-3°473	-3	...	...	...	30°207	+25°985	-2	...	...
...	44°206	+26°920	-5	...	...	...	36°898	+27°589	0.65	...	...	*	30°177	+56°966	1.10	49.3096	9.2
...	44°123	+16°156	-2	...	...	...	36°697	-10°988	-2	51.2965	9.8	*	30°086	-58°777	1.80	51.2973	8.8
...	-44°032	-30°283	0.90	51.2947	9.8	S *	-36°635	-55°42I	2.65	51.2964	8.2	...	-30°052	+13°002	-5	...	...
...	43°936	-21°663	0.80	51.2948	9.8	...	36°589	+12°177	-5	...	...	+	29°887	+19°256	0.95	50.3040	9.4
...	43°82I	+21°164	-5	...	...	...	36°547	-37°730	-5	...	...	+	29°88I	+17°888	0.75	50.3039	9.8
...	43°573	+0°985	0.80	50.3019	9.8	...	36°436	+55°549	-5	...	...	*	29°860	-6°172	1.05	50.3038	9.5
...	43°54I	+27°643	-5	...	...	...	36°425	+12°917	-5	...	...	...	29°779	+24°715	-4	...	...
11I	-43°498	+54°053	0.75	49.3082	9.8	17I	-36°292	+57°149	1.10	49.3092	9.1	23I	-29°524	-27°22I	-5	...	...
...	43°317	+31°72I	-4	...	...	*	36°152	+36°598	-5	...	...	...	29°388	+35°659	-5	...	...
...	43°026	+22°936	-5	...	...	...	36°117	+11°527	-5	...	...	...	29°337	+16°584	-4	...	...
...	42°909	+32°570	-2	...	...	...	36°109	+36°896	-2	...	...	...	29°250	+19°179	-3	...	...
...	42°605	+26°709	-4	...	...	...	35°893	+49°450	0.70	...	...	...	29°216	-33°21I	-5	...	...
...	-42°502	-1°896	0.70	50.3020	9.8	...	-35°786	-41°719	-5	...	...	...	-29°198	+8°164	-5	...	...
...	42°224	+27°645	-4	...	...	...	35°726	+1°404	-5	...	...	...	29°019	+23°403	-5	...	...
...	42°199	+4°947	-2	...	...	*	35°622	+5°163	1.00	50.3032	9.4	...	28°740	-23°70I	-4	...	...
+	42°129	+20°298	1.20	50.302I	9.0	...	35°550	-23°724	0.70	51.2966	9.8	...	28°706	+49°425	0.90	50.304I	9.8
†	42°089	+30°319	0.70	50.3022	9.8	...	35°539	+36°272	-5	...	...	...	28°539	-23°24I	-2	51.2976	9.8

Co-ordinates.						Diam.	C.P.D.		Co-ordinates.						Diam.	C.P.D.							
Notes.	x.		y.		-5.	No	Mag.	Notes.	x.		y.		-5.	No.	Mag.	Notes.	x.		y.		-5.	No.	Mag.
241-300																							
24I	-28.525	-25.958	-5	...	...	...	...	30I	-20.744	+38.357	-4	...	...	...	...	36I	-13.023	-7.886	-4	...	...	...	...
*	28.386	-57.206	1.05	51.2975	9.4	...	...	...	20.497	+50.309	0.80	50.3053	9.8	...	...	...	13.002	+20.457	-5	...	...	...	...
...	28.353	+4.329	-5	...	...	...	...	...	20.345	+58.904	-5	...	...	...	...	...	12.880	+3.046	-2	50.3063	9.8	...	...
...	28.200	-27.969	-2	51.2977	9.8	...	...	...	19.757	-54.665	-5	...	...	...	...	†	12.705	+50.266	-4	...	...	...	...
...	27.996	-5.269	-4	...	...	...	...	*	19.681	+28.356	1.60	50.3055	8.6	...	...	...	12.685	-58.074	-5	...	...	...	...
*	-27.960	+24.477	3.50	50.3042	8.1	...	...	*	-19.672	+49.149	-4	...	...	...	...	*	-12.538	-7.649	1.00	51.2999	9.3	...	...
...	27.945	+50.893	-5	...	...	...	...	*	19.645	+1.832	1.00	50.3054	9.5	...	...	...	12.488	-35.945	-5	...	...	...	...
...	27.858	+24.791	-4	...	...	...	...	...	19.473	-54.902	-5	...	...	...	...	...	12.359	+32.050	0.95	50.3064	9.5	...	...
...	27.825	-38.678	-4	...	...	...	...	...	19.373	-46.161	0.95	51.2990	9.6	...	...	...	12.338	+58.198	-4	...	...	...	...
...	27.805	-23.026	-4	...	...	...	...	...	19.236	-33.057	0.80	51.2991	9.6	...	...	...	12.124	-38.895	-5	...	...	...	...
251-300																							
25I	-27.486	+5.140	-3	...	...	...	...	31I	-19.057	+50.192	0.90	50.3056	9.8	...	...	37I	-12.014	-26.944	-4	...	...	...	...
*	27.457	-43.750	1.15	51.2978	9.4	...	...	†	19.015	+7.738	-3	...	...	...	...	...	11.879	+56.488	0.80	49.3134	9.8	...	...
...	27.418	-51.310	-4	...	...	...	...	...	18.791	-51.244	0.70	51.2992	9.8	...	...	...	11.868	-58.494	0.90	51.3000	9.6	...	...
...	27.410	+37.186	-4	...	...	...	...	...	18.622	-30.705	-2	...	...	...	...	...	11.719	-56.290	-5	...	...	...	...
...	27.345	+33.912	-3	...	...	...	...	...	18.578	-2.328	0.80	50.3057	9.8	...	...	...	11.404	-0.956	-1	50.3065	9.8	...	...
...	-27.099	+6.523	0.70	50.3043	9.8	...	...	*	-18.566	+57.677	-5	...	...	...	...	*	-11.389	-14.857	1.30	51.3001	9.0	...	...
...	26.596	+46.964	-5	...	...	...	...	*	18.392	-10.301	1.00	51.2994	9.5	...	...	...	11.301	-47.032	0.90	51.3002	9.8	...	...
...	26.471	-17.593	0.70	51.2979	9.8	...	...	...	18.356	+36.754	-3	...	...	...	...	†	11.191	-9.598	-5	...	...	...	...
...	26.329	-16.004	-5	...	...	...	...	*	18.265	-56.114	0.95	51.2993	9.7	...	...	...	11.140	+47.211	-5	...	...	...	...
...	26.287	+44.928	-5	...	...	...	...	...	17.912	+21.585	0.90	50.3058	9.6	...	...	...	10.833	+45.285	-5	...	...	...	...
261-300																							
26I	-26.112	-16.699	-5	...	...	...	...	32I	-17.787	+45.396	-4	...	...	...	...	38I	-10.716	-56.813	-5	...	...	...	...
*	26.071	-49.860	1.70	51.2981	8.6	...	...	...	17.777	+19.579	-4	...	...	...	*	10.675	+28.869	1.10	50.3066	9.1	...	...	
...	26.050	+24.690	-3	50.3044	9.8	...	...	...	17.728	+54.935	0.80	49.3114	9.8	...	*	10.430	+9.927	1.10	50.3067	9.2	...	...	
†	25.944	-34.517	0.70	51.2983	9.8	...	...	N	17.682	+45.369	-5	A	...	...	*	10.412	-18.403	1.00	51.3003	9.3	...	...	
...	25.616	-54.162	0.70	...	...	...	...	...	17.659	-10.583	-5	...	...	...	...	10.139	-0.660	-5	...	...	...	...	
...	-25.497	+23.716	-4	...	...	...	...	*	-17.552	-32.247	1.00	51.2995	9.5	...	...	...	-10.133	+47.494	-3	...	...	...	...
*	25.248	+9.338	1.15	50.3045	9.1	...	...	...	17.388	-43.447	-4	...	...	...	†	10.091	+41.530	1.50	50.3068	8.7	...	...	
*	25.226	-20.013	1.00	51.2985	9.6	...	...	...	17.275	+22.843	-5	...	...	...	...	10.081	+39.987	-5	...	...	...	...	
†	25.219	-9.678	-5	...	...	...	...	...	17.173	-25.225	0.70	51.2996	9.8	...	†	10.002	+10.673	-1	50.3069	9.5	...	...	
...	25.213	+28.479	-5	...	...	...	...	*	17.172	+11.142	1.00	50.3059	9.2	...	†	9.988	-50.707	-5	...	...	...	...	
271-300																							
27I	-24.549	+34.047	-3	...	...	...	...	33I	-17.109	+42.079	-3	...	...	...	...	39I	-9.938	-15.883	0.75	51.3004	9.4	...	...
...	24.119	+29.943	-2	...	...	...	...	...	17.016	-11.607	-5	...	...	...	*	9.759	-53.726	1.05	51.3005	9.5	...	...	
...	24.008	-33.801	-5	...	...	...	...	...	16.917	+31.426	-5	...	...	...	...	...	9.753	+4.589	-5	B	...	...	...
...	23.971	-32.980	-5	...	...	...	...	...	16.848	-54.760	-5	...	...	...	...	...	9.692	+54.554	0.70	49.3139	9.8	...	...
...	23.933	+56.127	-5	...	...	...	...	...	16.477	-46.606	-5	...	...	...	...	...	9.678	-13.319	-4	...	...	...	...
*	-23.713	+36.913	0.95	50.3046	9.4	...	...	...	-16.407	+32.963	-5	...	...	...	*	-9.448	+53.403	1.00	49.3141	9.6	...	...	
...	23.492	-5.083	-4	...	...	...	...	...	16.343	+11.928	-5	...	...	...	...	...	9.362	-48.893	-4	...	...	...	...
...	23.282	+32.962	-5	...	...	...	...	...	16.234	+56.124	1.00	49.3121	9.5	...	...	...	9.343	+46.403	0.85	50.3070	9.7	...	...
*	23.165	+13.826	1.20	50.3047	9.2	...	...	...	16.116	+18.722	-4	...	...	...	...	...	9.150	+35.810	-2	...	...	...	...
...	22.968	-51.777	-5	...	...	...	...	...	16.046	-20.792	-5	...	...	...	...	...	8.991	-56.887	-4	...	...	...	...
281-300																							
28I	-22.950	+51.517	0.70	50.3048	9.8	...	...	34I	-15.808	+56.498	-5	...	...	...	...	40I	-8.984	-41.236	-5	...	...	...	...
...	22.868	+27.103	-4	50.3049	9.8	...	...	...	15.680	-42.237	-2	...	...	...	...	...	8.953	+43.899	0.85	50.3071	9.5	...	...
...	22.782	+0.787	-5	...	...	...	...	...	15.630	-44.749	-5	...	...	...	...	...	8.905	+44.005	0.75	...	...	...	...
...	22.759	+54.396	-5	...	...	...	...	...	15.488	+52.464	-5	...	...	...	...	...	8.719	-59.068	0.95	51.3006	9.7	...	...
...	22.589	+59.248	-5	...	...	...	...	...	15.400	-35.513	-5	...	...	...	...	...	8.576	+27.205	-4	...	...	...	...
...	-22.585	-30.396	-5	...	...	...	...	...	-15.396	+17.170	-3	...	...	...	...	...	-8.555	-19.850	-4	...	...	...	...
...	22.583	+9.792	-4	50.3050	9.8	...	...	...	15.326	-57.041	-2	...	...	...	...	...	8.539	+25.381	-3	...	...	...	...
*	21.880	+15.966	1.00	50.3051	9.6	...	...	*	15.136	+18.023	1.00	50.3060	9.4	...	...	...	8.482	+29.146	-2	...	...	...	...
...	21.485	-3.022	-4	50.3052	9.8	...	...	†	14.988	+12.698	-3	50.3061	9.6	...	...	...	8.464	+16.775	-2	50.3072	9.8	...	...
*	21.451	-12.556	1.00	51.2987	9.4	...	...	...	14.781	-40.082	-5	...	...	...	...	...	8.296	+26.754	-5	...	...	...	...
291-300																							
29I	-21.409	-13.862	-3	51.2988	9.8	...	...	35I	-14.675	+59.950	-5	...	...	...	...	41I	-8.195	+40.994	-4	...	...	...	...
...	21.237	+53.881	-4	...	...	...	...	...	14.601	+1.654	-3	...	...	...	...	...	8.189	-24.338	-3	...	...	...	...
...	21.210	-10.586	-5	...	...	...	...	...	14.269	-22.434	-5	...	...	...	...	S *	8.011	-19.240	5.30	51.3008	5.7	...	...
...	21.143	+24.437	-3	...	...	...	...	...	13.842	-18.063	-2	51.2997	9.8	...	...	*	7.875	+38.141	-3	...	...	...	...
...	21.066	-36.446	-2	...	...	...	...	...	13.776	-25.086	-5	...	...	...	...	...	7.690	-59.030	1.05	51.3009	9.6	...	...
n	-21.065	-39.425	-2	51.2989	9.6	...	...	*	-13.474	-1.593	1.20	50.3062	9.1	...	...	...	-7.670	-46.968	-1	...	...	...	...
...	21.057	-25.387	-3	...	...	...	...	*	13.402	-15.873	1.15	51.2998	9.0	...	...	...	7.665	+50.662	0.70	50.3073	9.8	...	...
n	20.952	-39.478	0.85	51.2989	9.6	...	...	...	13.368	+41.808	-3	...	...	...	...	...	7.596	+24.650	-4	...	...	...	...
...	20.911	+51.979	-5	...	...	...	...	...	13.223	+56.115	1.00	49.3131	9.6	...	...	...	7.562	+57.255	0.75	49.3145	9.8	...	...
...	20.905	-36.206	-5	...	...	...	...	...	13.105	-11.262	-5	...	...	...	...	...	7.497	+54.324	-3	...	...	...	...

296, 298. C.P.D., mass.

324. 50° 51, obscured by réseau.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
421-480						481-540						541-600					
42I	-7.426	-21.451	1.00	51.3010	9.4	48I	-1.562	+47.826	0.85	50.3092	9.8	54I	+4.289	+34.923	-4	...	...
...	7.320	+55.685	-4	...	...	...	1.423	+28.895	-4	...	...	...	4.373	-22.658	0.70	51.3032	9.8
...	7.300	+41.039	-5	...	...	...	1.373	+55.789	-4	...	...	*	4.440	-8.916	1.00	51.3031	9.4
...	7.258	+23.350	-2	...	...	...	1.359	+18.068	-3	50.3093	9.8	...	4.598	-58.592	-3	...	...
*	7.129	-39.216	1.05	51.3011	9.3	...	1.276	+20.949	-4	...	...	...	4.608	-47.175	-5	...	...
*	-7.128	+55.008	1.05	49.3146	9.5	...	1.243	+58.315	-3	49.3161	9.8	...	+4.872	-48.308	0.90	51.3033	9.7
*	7.123	-51.397	1.60	51.3012	8.8	...	1.217	+27.448	-4	...	...	†	4.924	-0.396	-4	...	...
...	6.778	+16.665	0.85	50.3074	9.7	...	1.196	-30.927	0.70	51.3021	9.8	†	4.956	-52.169	0.90	51.3034	9.7
...	6.706	-26.616	-5	...	...	...	1.128	-8.952	0.80	51.3022	9.7	†	4.983	-24.111	-5	...	...
...	6.535	+29.984	-3	50.3075	9.8	...	0.833	-54.834	0.95	51.3023	9.7	...	5.124	-30.085	-5	...	...
43I	-6.443	-54.413	-4	...	...	49I	-0.735	-24.144	-4	...	...	55I	+5.173	-59.073	-5	...	...
...	6.415	-37.851	1.60	51.3013	8.6	...	0.702	+51.723	-4	...	...	...	5.318	-51.113	0.75	...	...
...	6.392	+33.535	0.70	50.3076	9.8	...	0.586	+48.714	-5	m	...	...	5.330	-42.716	0.80	51.3035	9.8
...	6.182	-42.157	-4	...	...	...	0.379	+57.822	-4	...	...	...	5.366	-17.898	-2	51.3036	9.7
...	6.057	+23.948	-3	...	...	*	0.377	+22.014	1.05	50.3094	9.3	...	5.397	-57.825	-5	...	...
...	-6.051	+38.340	-3	50.3077	9.8	...	-0.310	+44.471	0.70	...	...	*	+5.546	-36.306	1.00	51.3037	9.4
...	5.898	-6.691	-4	...	...	...	-0.243	+23.732	-5	...	...	...	5.655	+46.127	0.85	50.3105	9.8
...	5.875	-56.427	0.75	51.3014	9.8	...	+0.212	+42.188	0.90	50.3095	9.5	...	5.670	+48.556	0.80	50.3106	9.8
...	5.801	-57.411	1.00	51.3015	9.6	...	0.216	-39.995	-5	...	...	*	5.783	+19.681	1.80	50.3107	8.6
...	5.669	-49.379	-4	...	...	...	0.292	+34.664	-5	...	...	...	5.787	-22.606	-4	51.3038	9.8
44I	-5.631	-0.019	1.80	50.3079	8.8	50I	+0.361	+34.895	0.90	50.3096	9.7	56I	+6.201	+38.905	0.85	50.3108	9.6
...	5.623	+20.025	0.85	50.3078	9.7	...	0.456	+39.593	-5	M	...	...	6.284	+50.540	-5	...	...
*	5.588	-56.757	1.00	51.3016	9.5	*	0.525	-53.965	1.00	51.3024	9.4	...	6.323	-27.698	1.00	51.3040	9.4
...	5.331	-9.815	0.90	51.3017	9.5	...	0.927	-6.347	0.80	50.3097	9.6	...	6.375	+1.200	-5	...	...
S	5.275	+51.073	2.70	50.3081	8.1	...	0.977	-10.244	-5	...	...	...	6.376	-12.857	-5	...	...
...	5.263	-3.275	-4	...	...	...	+1.133	+37.096	-4	...	...	...	+6.742	+51.395	-5	...	...
*	5.242	+31.018	1.20	50.3082	9.2	...	1.194	+53.291	0.90	49.3165	9.7	...	7.020	+34.255	-2	...	...
†	5.039	+6.258	-4	50.3080	9.7	...	1.234	+20.595	-4	...	...	*	7.037	-12.130	1.10	51.3041	9.0
...	4.796	+41.830	0.95	50.3083	9.6	*	1.292	+14.208	1.20	50.3098	9.0	...	7.090	+57.711	-4	...	...
...	4.794	+56.650	-2	...	...	...	1.312	-37.083	0.80	51.3025	9.8	...	7.131	+48.552	0.80	50.3109	9.7
45I	-4.522	-41.354	1.20	51.3018	9.1	51I	+1.502	-42.546	-5	...	...	57I	+7.197	-8.572	-5	...	...
...	4.493	-53.129	0.65	...	...	...	1.510	+12.255	0.90	50.3099	9.5	...	7.329	-28.383	-3	...	...
*	4.410	+12.131	1.60	50.3084	8.8	...	1.720	-34.809	-5	...	...	...	7.392	-57.528	-5	...	...
...	4.338	+42.736	0.80	50.3085	9.8	...	1.979	+47.957	0.75	50.3100	9.8	...	7.722	-52.186	0.90	51.3042	9.8
*	4.189	+13.764	1.05	50.3086	9.4	...	2.115	-22.265	0.75	51.3026	9.8	*	8.012	-3.481	1.00	50.3110	9.5
...	4.116	-51.618	-5	...	...	*	+2.133	-22.259	1.10	50.3101	9.3	*	+8.058	-36.262	0.95	51.3043	9.5
...	4.115	-8.540	-5	...	...	...	2.191	-22.057	0.70	51.3027	9.8	...	8.138	+43.000	-5	...	...
...	4.043	-41.393	0.90	51.3019	9.6	...	2.331	+17.463	0.90	50.3102	9.4	...	8.151	+39.308	-5	...	...
...	4.042	+7.929	-5	...	...	...	2.441	+17.537	-4	...	...	...	8.249	-30.290	-2	...	...
...	3.778	-47.548	-4	...	...	...	2.588	+47.125	-3	...	...	...	8.251	-53.872	-5	...	...
46I	-3.755	+17.169	0.70	50.3087	9.8	52I	+2.590	-16.103	0.90	51.3028	9.7	58I	+8.320	-2.338	-5	...	...
...	3.621	-46.047	-5	...	...	...	2.650	-41.774	-4	...	...	...	8.376	-59.153	-4	...	...
...	3.569	+56.156	1.00	49.3154	9.5	...	2.660	-41.036	-5	...	...	...	8.514	-27.990	0.90	51.3044	9.6
...	3.482	+37.188	-5	...	...	...	2.696	+18.411	-4	...	...	...	8.578	+7.876	-5	...	...
...	3.317	+41.022	0.80	50.3088	9.8	...	2.700	+51.304	-3	...	...	*	8.611	+41.127	1.00	50.3111	9.4
*	-2.929	+34.164	0.95	50.3089	9.6	...	+2.754	-47.790	-2	...	...	...	+8.746	-13.557	-5	...	...
...	2.752	-32.941	-2	...	...	...	2.784	+56.870	-5	b	...	...	8.834	-45.187	-5	...	...
...	2.723	+20.754	0.65	50.3090	9.8	...	2.834	+54.024	-5	...	...	...	8.859	-1.566	-5	...	...
...	2.715	+31.955	-4	...	...	...	2.889	+4.124	-5	...	...	...	8.966	+32.995	0.90	50.3112	9.6
...	2.376	-35.499	0.80	51.3020	9.7	...	3.033	-48.222	-3	...	...	*	9.016	-13.611	1.30	51.3045	8.9
47I	-2.345	+51.697	-4	...	...	53I	+3.215	+48.875	-5	...	...	59I	+9.080	+23.614	-1	...	...
...	2.123	+46.927	-5	...	...	...	3.233	-48.727	0.85	51.3029	9.8	...	9.179	+48.150	-5	...	...
...	2.038	+41.933	0.70	50.3091	9.8	...	3.423	-48.931	0.75	...	...	*	9.200	+27.278	1.10	50.3114	9.1
...	2.025	-50.398	-4	...	...	*	3.746	-55.407	0.95	51.3030	9.8	...	9.240	+29.071	-4	50.3113	9.8
...	2.003	-49.139	-4	...	...	...	3.764	+19.108	-3	...	...	...	9.976	+32.905	1.00	50.3115	9.4
...	-1.747	+55.824	-5	...	...	...	+3.806	-4.322	0.95	50.3103	9.4	†	+10.069	-45.916	-3	...	...
...	1.629	-52.147	-4	...	...	...	3.874	-51.232	-4	...	...	...	10.114	+24.979	-5	...	...
...	1.624	-25.312	-5	...	...	...	3.918	+22.412	-4	...	...	...	10.228	-40.833	0.85	51.3046	9.8
...	1.605	+45.050	-4	...	...	...	4.175	+43.628	0.85	50.3104	9.6	...	10.528	-21.899	-4	...	...
...	1.600	+35.332	-3	...	...	...	4.271	-46.977	-5	...	...	...	10.538	+49.579	0.85	50.3116	9.6

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	δ.		No.	Mag.		α.	δ.		No.	Mag.		α.	δ.		No.	Mag.
601-660						661-720						721-780					
60I	+10'943	-51'66I	-4	...	...	66I	+17'002	+19'159	0'75	50.3I33	9·8	72I	+22'484	+3'310	I'00	50.3I48	9·4
*	I0'955	+43'84I	I·I5	50.3II7	9·3	...	I7'306	-37'466	-4	...	...	...	22'759	-55'805	-5	...	...
...	I0'966	+48'639	-5	...	...	...	I7'532	+52'252	-5	...	...	...	22'800	-29'815	0'70	5I.3067	9·8
...	II'023	+2I'304	-4	...	...	...	I7'562	-22'485	-5	...	...	...	22'886	+40'32I	-5	...	...
...	II'II5	+59'267	I·00	49.3I84	9·7	...	I7'725	-2'904	-5	...	...	...	23'0I3	+58'032	-5	...	...
...	+II'I43	-37'154	-2	...	...	...	+I7'77I	-45'280	-5	...	...	...	+23'265	+25'876	-5	...	...
*	II'4IO	+39'742	2'90	50.3II8	8·4	...	I7'797	-37'385	-5	...	...	...	23'393	+I5'035	-2	50.3I49	9·8
...	II'444	-34'704	-3	...	...	...	I7'804	+52'157	-5	...	...	...	32'409	-52'325	-5	...	...
...	II'446	+59'970	0·85	49.3I85	9·8	...	I8'145	-3I'976	0'90	5I.3057	9·6	...	23'460	+34'9I7	-5	b	...
...	II'554	+9'822	0·80	50.3II9	9·7	...	I8'25I	+57'604	-5	...	...	...	23'502	-4'309	0'90	50.3I5I	9·8
6II	+II'563	+53'970	-5	...	...	67I	+I8'276	+3I'715	-2	...	...	73I	+23'7II	+49'954	0'90	50.3I50	9·7
...	II'624	+I3'370	-5	...	...	...	I8'288	-20'753	-5	...	...	...	23'75I	-3I'I65	I·I5	5I.3068	9·0
*	II'854	+52'686	0·95	50.3I20	9·8	...	I8'356	-27'246	-3	...	...	...	23'847	-II'034	-5	...	...
...	II'892	+57'820	-4	...	...	...	I8'380	+4I'6I6	-5	b	...	...	23'944	+34'954	-5	...	...
*	II'9I7	-35'996	I·00	5I.3047	9·6	...	I8'4IO	+45'756	-I	...	...	*	23'967	-40'292	3'00	5I.3069	8·0
*	+I2'037	-40'590	I·00	5I.3048	9·4	...	+I8'50I	+47'815	0'75	50.3I34	9·8	*	+24'114	+I3'344	0'95	50.3I53	9·5
...	I2'I33	+3'005	-3	...	...	...	I8'605	+8'617	-2	...	...	...	24'125	+II'996	0·85	50.3I52	9·6
...	I2'28I	+27'786	0'70	50.3I2I	9·8	...	I8'662	-49'136	-2	...	...	...	24'134	-5I'46I	-2	...	...
...	I2'466	-32'6II	-3	...	...	...	I8'725	+8'080	0'95	50.3I35	9·5	...	24'150	+25'608	-5	...	...
*	I2'477	+29'583	I·IO	50.3I22	9·I	...	I8'827	+30'737	-5	...	...	*	24'249	+3I'243	I·00	50.3I54	9·4
62I	+I2'505	-58'829	I·00	5I.305I	9·6	68I	+I8'945	-0'516	I·25	50.3I36	9·I	74I	+24'302	-I2'369	-5	...	...
...	I2'584	-I7'635	-5	...	...	*	I8'966	+49'898	-5	...	...	...	24'317	-38'638	I·00	5I.307I	9·4
...	I2'675	-30'33I	0·90	5I.3050	9·7	...	I9'015	-3'14I	0'90	50.3I39	9·6	...	24'437	-34'690	0'70	...	...
...	I2'704	+46'60I	-4	...	...	...	I9'135	+I8'180	-5	...	...	...	24'556	+44'76I	-4	...	...
...	I2'7I2	+53'65I	-5	b	...	...	I9'135	+I8'180	-5	...	...	...	24'556	+44'76I	-4	...	...
...	I2'7I2	+53'65I	-5	b	...	...	I9'348	+48'138	0·80	50.3I37	9·8	...	24'584	+3I'I26	-5	...	...
†	+I2'733	+50'138	0·90	50.3I23	9·8	...	+I9'389	+4I'529	-I	50.3I38	9·8	...	+24'610	-5I'564	-5	...	...
...	I2'938	-5I'565	-4	...	...	...	I9'527	+I5'368	-5	b	...	...	24'647	-22'925	-2	5I.3072	9·8
*	I3'00I	+I4'3I9	I·00	50.3I24	9·5	...	I9'558	+23'777	0'75	50.3I4I	9·8	...	24'968	+6'124	0·80	50.3I56	9·6
...	I3'II6	-I7'147	0·65	5I.3052	9·8	...	I9'569	+58'843	I·00	49.3202	9·6	*	25'069	-I5'817	I·00	5I.3073	9·4
...	I3'296	+33'947	0'70	50.3I25	9·7	...	I9'589	-I7'950	-5	...	...	...	25'077	+38'746	-5	b	...
63I	+I3'390	+I2'464	I·30	50.3I26	8·9	69I	+I9'616	+29'188	0·80	50.3I40	9·8	75I	+25'107	+I3'310	0·85	50.3I55	9·7
...	I3'5I7	+29'448	-5	...	...	...	I9'618	+43'863	-5	...	...	...	25'142	-3I'776	-5	...	...
...	I3'528	+50'335	-4	...	...	...	I9'826	-33'659	-5	...	...	...	25'158	+47'52I	-5	...	...
...	I3'57I	+2'290	-4	...	...	...	I9'897	+24'79I	I·00	50.3I42	9·4	...	25'396	-49'793	-3	...	...
...	I3'7I4	+40'528	-3	...	...	...	I9'948	-5I'328	0·65	5I.3060	9·8	...	25'538	-2I'568	-4	...	...
...	+I3'723	+37'894	0·65	50.3I27	9·8	...	+I9'977	-20'588	-5	...	...	...	+25'652	+22'298	0'90	50.3I58	9·6
...	I4'490	-5I'855	-3	...	...	...	20'035	+25'900	-5	...	...	...	25'66I	+50'48I	-5	...	...
...	I4'570	+33'859	-5	...	...	...	20'059	-57'846	-5	...	...	*	25'719	+42'65I	I·I5	50.3I57	9·2
*	I4'606	-57'700	I·20	5I.3053	9·5	...	20'248	-59'047	-2	5I.306I	9·8	†	25'736	-4'615	-5	...	...
†	I4'642	+60'145	2'90	49.3I93	7·9	...	20'280	-2'38I	0·85	50.3I46	9·6	*	25'743	+6'77I	I·80	50.3I6I	8·8
64I	+I4'734	+20'343	0'75	50.3I28	9·8	70I	+20'333	+I9'022	-2	50.3I44	9·7	76I	+25'784	+26'603	0'70	50.3I59	9·8
...	I4'759	+32'067	-5	...	...	...	20'389	+5'586	I·00	50.3I45	9·2	...	25'828	+22'025	0'70	50.3I60	9·8
...	I4'882	-49'8I9	-5	...	...	...	20'445	+40'289	-2	...	...	...	25'998	-I9'028	-5	...	...
†	I4'986	-I5'660	-5	...	...	...	20'467	+49'968	0'75	50.3I43	9·8	*	26'03I	-54'390	I·00	5I.3074	9·5
...	I5'203	+I2'523	-I	50.3I29	9·8	...	20'575	+4I'798	-2	...	...	...	26'047	-58'446	-5	...	...
...	+I5'309	-24'103	-4	...	...	...	+20'7II	-8'899	-5	...	...	...	+26'143	+35'982	-5	...	...
...	I5'324	+8'57I	-5	...	...	...	20'926	-54'266	-5	...	...	...	26'267	-58'778	I·00	5I.3079	9·8
...	I5'348	+30'847	-3	...	...	...	20'960	-52'294	0·80	5I.3062	9·6	...	26'280	-26'445	0'90	5I.3075	9·6
...	I5'569	+I3'8I6	-3	...	...	...	20'979	-7'90I	-3	...	...	...	26'329	-I5'52I	-2	5I.3076	9·8
...	I6'046	+44'395	-5	b	...	...	2I'089	+52'285	-5	...	...	...	26'488	-I0'929	-2	5I.3077	9·8
65I	+I6'232	+I7'823	0'90	50.3I3I	9·7	7II	+2I'185	-29'74I	0'70	5I.3063	9·8	77I	+26'495	-I2'566	-5	...	...
...	I6'255	-4I'930	-4	...	...	...	2I'213	-5I'64I	0·80	5I.3064	9·6	*	26'519	+38'049	0'90	50.3I62	9·6
...	I6'27I	+40'965	0·90	50.3I30	9·6	...	2I'305	+II'079	-5	...	...	...	26'597	-40'416	-5	...	...
...	I6'36I	-29'754	-3	...	...	...	2I'70I	-37'973	0'75	5I.3065	9·8	...	26'634	-I'957	-5	...	...
*	I6'370	+9'539	I·00	50.3I32	9·5	...	2I'74I	-25'356	-5	...	...	...	26'646	+I9'03I	-5	...	...
...	+I6'38I	-56'4I6	-2	5I.3054	9·8	...	+2I'8I8	+2'382	0'90	50.3I47	9·5	...	+26'749	+54'340	-3	...	...
...	I6'67I	-45'062	-3	...	...	...	2I'970	-54'4I4	-3	...	...	...	26'763	-32'162	-3	...	...
...	I6'737	+I5'594	-5	a	...	...	22'017	+35'949	-5	...	...	*	27'010	+4'549	I·90	50.3I64	8·6
...	I6'838	-45'409	-3	...	...	...	22'3II	-57'134	I·25	5I.3066	9·0	*	27'0II	+9'92I	I·IO	50.3I63	9·0
...	I6'875	+35'770	-5	...	...	...	22'424	-6'829	-5	...	...	...	27'254	-39'448	0'70	5I.308I	9·8

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
781-840						841-900						901-960					
78I	+27.359	+46.215	-2	...	...	84I	+32.504	-7.754	0.90	51.3092	9.6	90I	+37.111	+6.417	0.80	50.3195	9.6
...	27.410	+2.863	0.70	50.3166	9.8	...	32.554	+28.939	-5	b	...	...	37.125	-24.672	-4	...	...
...	27.520	+33.588	-2	50.3165	9.8	...	32.615	+49.430	-2	50.3183	9.8	...	37.155	-32.419	0.85	51.3102	9.8
...	27.777	-5.182	0.70	50.3168	9.8	*	32.644	+52.888	1.80	49.3223	8.4	...	37.328	+22.324	-2	...	...
...	27.877	-33.407	0.80	51.3082	9.8	...	32.651	+29.067	-5	...	...	...	37.384	-46.007	0.65	...	...
...	+28.066	-36.404	0.65	...	...	...	+32.896	-45.395	0.65	51.3095	9.8	...	+37.401	+1.024	-3	...	...
*	28.210	+47.985	0.80	50.3167	9.8	...	32.916	+22.300	-5	...	...	...	37.514	+32.097	0.85	50.3196	9.8
...	28.245	+14.041	-5	...	...	*	32.923	+35.498	2.00	50.3184	8.4	...	37.613	+1.567	-5	...	...
...	28.274	+7.029	-5	...	...	...	32.967	-14.982	0.80	51.3094	9.7	...	37.631	+16.709	-5	...	...
...	28.297	+46.644	-2	...	...	...	33.171	+19.299	-5	...	...	N	37.805	+15.033	-4	a	...
79I	+28.484	+31.862	-4	...	...	85I	+33.205	+35.063	1.50	50.3185	8.7	91I	+37.856	+18.113	0.75	50.3199	9.8
...	28.559	-58.895	-5	...	...	...	33.377	-11.042	-5	...	...	...	37.917	-17.511	0.70	...	...
...	28.606	-47.078	0.95	51.3083	9.6	S *	33.407	+15.578	5.00	50.3186	6.5	...	37.998	-31.229	0.80	51.3104	9.8
...	28.616	-42.886	-5	...	...	...	33.610	-56.115	-1	51.3097	9.8	...	37.999	+32.012	0.70	50.3198	9.8
...	28.803	-43.436	-3	...	...	...	33.660	+29.933	-5	...	...	...	38.053	+46.574	0.95	50.3197	9.6
...	+28.818	+4.099	0.80	50.3170	9.8	...	+33.719	-25.185	-4	...	...	...	+38.063	+39.353	0.70	...	...
...	28.953	-2.953	-5	...	...	...	33.753	-33.309	-4	...	...	...	38.102	+22.870	-4	...	...
*	29.121	+30.943	1.00	50.3169	9.5	...	33.848	-29.782	-2	...	...	...	38.118	+36.813	-5	...	...
*	29.281	-55.778	1.05	51.3084	9.3	...	33.894	+31.024	-4	...	...	...	38.143	+25.877	-5	b	...
...	29.290	+55.435	1.00	49.3219	9.5	S *	34.066	-15.826	4.85	51.3096	7.0	...	38.194	+38.736	0.90	50.3200	9.6
80I	+29.290	+17.697	-5	...	...	86I	+34.192	+27.533	-2	...	...	92I	+38.685	-39.504	0.80	51.3106	9.8
...	29.402	+10.292	1.00	50.3171	9.4	...	34.218	+33.643	0.70	50.3187	9.8	...	38.719	-8.009	0.70	51.3105	9.8
...	29.418	-1.703	-5	...	...	...	34.309	-46.136	-3	...	...	...	38.883	-23.446	-5	...	...
...	29.442	+25.318	-3	...	...	...	34.337	+28.046	-2	...	...	...	38.895	-36.460	-3	...	...
...	29.467	+59.440	-5	...	...	...	34.374	+21.260	-5	...	...	...	39.036	+0.445	-4	...	...
...	+29.500	+36.157	-5	...	...	...	+34.437	-57.576	0.85	51.3099	9.8	*	+39.200	-34.037	1.20	51.3107	9.1
*	29.708	+34.726	1.00	50.3172	9.5	...	34.530	-24.061	-4	...	...	...	39.264	+45.898	-4	...	...
...	29.755	-51.360	-4	...	...	*	34.564	-34.839	1.40	51.3098	8.9	...	39.552	+28.550	-4	...	...
...	30.071	-1.665	-4	...	...	...	34.598	-4.963	-5	...	...	*	39.568	-14.834	0.95	51.3108	9.7
...	30.143	-13.671	-4	...	...	...	34.686	+29.079	-2	...	...	...	39.579	+15.551	0.70	50.3202	9.8
81I	+30.250	+44.879	1.50	50.3173	8.8	87I	+34.716	+12.509	1.00	50.3188	9.4	93I	+39.668	+40.090	0.75	50.3201	9.8
...	30.275	+27.280	-5	...	...	...	34.782	+5.807	-3	...	...	...	39.764	+39.215	-3	...	...
...	30.316	-27.723	-1	...	...	...	34.997	-31.351	-4	...	...	...	39.808	-26.090	-4	...	...
*	30.325	+43.889	1.00	50.3174	9.4	...	35.089	+21.737	-4	...	...	...	39.860	+8.468	-4	...	...
...	30.473	+37.935	-5	a	...	...	35.100	-23.855	-4	...	...	...	40.162	+17.043	0.70	50.3203	9.8
...	+30.634	+13.723	-2	...	...	...	+35.107	+18.430	-4	...	...	...	+40.185	-32.210	-2	...	...
*	30.707	+13.276	1.00	50.3176	9.5	*	35.364	+48.072	1.05	50.3189	9.3	*	40.223	-2.941	0.90	50.3205	9.6
*	30.708	+23.653	2.10	50.3175	8.6	...	35.498	+31.534	0.90	50.3190	9.7	n	40.315	+17.152	0.70	50.3203	9.8
...	30.861	-41.766	0.80	51.3086	9.8	...	35.601	+10.675	-5	...	...	...	40.375	-54.927	-4	51.3110	9.8
...	30.898	+23.235	0.75	50.3177	9.8	*	35.673	-0.685	1.00	50.3191	9.4	...	40.384	-42.996	-4	...	...
82I	+30.900	-3.200	-2	50.3178	9.8	88I	+35.714	-4.317	1.00	50.3192	9.4	94I	+40.477	+11.996	0.95	50.3204	9.6
S *	30.922	-52.951	1.40	51.3088	9.0	...	35.771	+23.798	-5	...	...	...	40.523	-38.136	-5	...	...
...	30.937	-52.635	0.75	51.3087	9.7	...	35.816	-55.879	-4	...	...	...	40.535	-3.722	-2	...	...
...	30.992	+29.213	-5	...	...	...	35.988	-5.794	0.70	50.3193	9.8	...	40.580	-38.409	0.70	...	...
...	31.161	-49.416	-1	51.3089	9.8	...	36.025	+47.714	-5	b	...	...	40.628	-40.277	0.65	...	...
...	+31.219	-56.677	0.85	51.3091	9.8	...	+36.044	-29.814	-2	...	...	...	+40.687	+56.727	-2	...	...
...	31.402	+9.320	-3	...	...	...	36.072	-52.057	0.90	51.3101	9.8	...	40.896	-59.165	-1	51.3111	9.8
...	31.437	+58.947	-5	...	...	...	36.082	-28.149	-5	...	...	†	40.910	+15.220	-4	...	...
...	31.476	-31.564	-5	...	...	...	36.112	+26.370	-2	...	...	...	40.926	+31.214	-4	...	...
...	31.507	+44.408	0.65	...	...	...	36.139	+38.507	-5	...	...	...	41.147	+45.320	-4	...	...
83I	+31.608	-0.251	0.70	50.3181	9.8	89I	+36.144	+26.788	-3	...	...	95I	+41.177	-14.540	-2	...	...
...	31.679	+49.806	-5	...	...	*	36.174	+54.300	1.10	49.3228	9.5	...	41.240	+55.009	-3	49.3239	9.8
...	31.704	-35.520	-4	...	...	...	36.278	+19.676	-5	b	...	...	41.251	+21.037	-5	...	...
*	31.718	-13.291	1.10	51.3090	9.2	...	36.288	+34.636	-4	...	...	...	41.361	+40.304	-5	b	...
...	31.751	+25.498	0.75	50.3180	9.8	...	36.423	-37.421	-5	...	...	...	41.454	+32.490	0.80	...	...
*	+31.778	+49.340	1.00	50.3179	9.5	...	+36.465	+56.230	0.80	49.3230	9.8	...	+41.491	+18.866	0.90	50.3207	9.6
...	31.797	+24.239	-3	...	...	...	36.644	+18.756	0.70	50.3194	9.8	...	41.509	+12.344	-5	...	...
*	32.101	+23.755	1.00	50.3182	9.5	...	36.803	-7.997	-5	...	...	...	41.547	+7.790	-5	...	...
...	32.206	-4.719	-4	...	...	...	37.027	-31.890	-3	...	...	†	41.609	+55.221	-3	49.3240	9.8
...	32.457	+53.040	-5	...	...	...	37.092	-36.364	0.90	51.3103	9.8	*	41.616	+22.239	1.00	50.3208	9.3

910. 50° 52, obscured by réseau.

935. 938. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
961-1020						1021-1080						1081-1140					
96I	+41° 835	+33° 057	-5	...	...	102I	+46° 347	+41° 503	-1	50.3217	9.8	108I	+51° 372	+32° 152	0.90	50.3233	9.6
...	41° 892	+50° 895	-2	50.3206	9.7	...	46° 422	-45° 645	0.80	51.3118	9.8	...	51° 421	-44° 793	0.85	51.3127	9.8
...	42° 026	+49° 097	-5	...	...	...	46° 496	+55° 752	0.95	49.3250	9.5	...	51° 456	-31° 684	-5	...	...
...	42° 143	+32° 817	-5	<i>b</i>	...	...	46° 496	+26° 913	-5	...	...	...	51° 490	-51° 969	-5	<i>e</i>	...
...	42° 338	-5° 137	0.70	50.3210	9.8	...	46° 557	+22° 010	0.75	...	...	...	51° 536	+1° 959	-4	...	...
*	+42° 441	-34° 876	0.95	51.3113	9.6	...	+46° 651	+28° 129	0.85	50.3219	9.8	...	+51° 645	-41° 236	-4	...	...
...	42° 510	+34° 713	-5	<i>b</i>	...	...	46° 808	+9° 434	-5	<i>a</i>	...	...	51° 747	+1° 151	-4	...	...
...	42° 553	+12° 650	-5	<i>b</i>	...	...	46° 954	-14° 067	-5	...	...	...	52° 002	+15° 131	-3	...	...
*	42° 576	+46° 607	1.00	50.3209	9.5	...	46° 976	+45° 800	-4	50.3220	9.8	...	52° 187	-6° 142	-5	...	...
*	42° 657	+57° 343	1.20	49.3243	9.1	...	47° 092	-8° 042	-5	...	...	...	52° 253	+37° 037	-4	<i>a</i>	...
97I	+42° 679	+19° 901	-5	<i>b</i>	...	103I	+47° 159	-6° 647	0.95	50.3226	9.8	109I	+52° 376	+22° 551	-1	...	...
...	42° 733	-12° 637	-2	...	...	...	47° 338	+5° 255	0.95	50.3225	9.6	...	52° 433	+14° 649	-3	...	...
...	42° 871	+23° 006	0.70	...	...	...	47° 404	+47° 412	1.00	50.3221	9.6	†	52° 433	-9° 608	0.75	51.3128	9.8
...	43° 024	-40° 204	-4	...	...	...	47° 444	-34° 004	1.00	51.3121	9.6	...	52° 466	-44° 989	-5	<i>e</i>	...
...	43° 037	+41° 641	-5	...	...	...	47° 498	-30° 454	-2	...	...	...	52° 500	+0° 580	-5	...	...
...	+43° 105	+0° 603	0.85	50.3213	9.7	...	+47° 539	+30° 707	-5	...	...	...	+52° 572	+50° 358	0.65	50.3234	9.8
...	43° 112	+57° 033	-5	...	...	...	47° 541	-51° 140	-5	...	...	...	52° 648	-43° 678	-5	...	...
...	43° 142	-19° 773	-4	...	...	*	47° 547	+26° 068	1.00	50.3224	9.5	<i>e</i> *	52° 790	-49° 364	1.20	51.3131	9.4
...	43° 228	+51° 434	0.90	50.3211	9.6	†	47° 630	+0° 374	0.65	...	...	...	52° 804	+28° 192	-4	...	...
...	43° 274	+25° 600	0.80	50.3212	9.8	...	47° 707	+54° 979	-5	...	...	<i>e</i> *	52° 825	-19° 144	0.95	51.3129	9.7
98I	+43° 318	-19° 390	3.00	51.3114	7.8	104I	+47° 732	+59° 325	0.80	49.3254	9.8	110I	+52° 938	+47° 505	-3	...	...
*	43° 369	-36° 098	-4	...	...	...	47° 742	+34° 563	1.20	50.3223	9.0	<i>e</i> †	52° 938	-34° 575	0.70	51.3130	9.8
...	43° 396	-21° 157	-5	...	...	...	47° 749	+37° 769	0.90	50.3222	9.6	...	52° 952	-34° 434	-3	<i>e</i>	...
...	43° 424	+56° 419	-5	...	...	...	47° 945	+27° 523	0.90	50.3227	9.8	...	53° 342	+52° 558	-2	49.3265	9.8
...	43° 599	-7° 729	0.70	51.3115	9.8	...	48° 003	+21° 610	0.70	...	...	...	53° 366	+34° 857	-3	...	...
...	+43° 645	+57° 164	-5	...	...	...	+48° 049	-3° 710	-5	...	...	...	+53° 692	-48° 047	-4	...	...
...	43° 782	+43° 376	-5	<i>b</i>	...	...	48° 528	-12° 733	-4	...	...	<i>e</i>	53° 693	-18° 353	0.70	51.3132	9.8
...	43° 787	+31° 336	-4	...	...	...	48° 600	+7° 853	0.70	...	...	...	53° 731	+47° 067	0.95	50.3235	9.6
*	44° 070	+47° 828	1.20	50.3214	9.1	...	48° 606	+47° 270	-5	...	...	...	53° 749	+11° 930	-4	...	...
...	44° 122	-57° 430	-5	...	...	...	48° 634	+1° 847	-5	...	...	...	53° 795	-41° 822	-4	<i>e</i>	...
99I	+44° 244	+18° 500	-5	...	...	105I	+48° 721	-32° 673	0.70	...	...	111I	+53° 933	-27° 829	-4	<i>e</i>	...
<i>S</i> *	44° 274	+53° 899	1.75	49.3247	8.8	...	48° 806	+28° 188	-2	...	...	...	53° 949	-45° 892	-4	<i>e</i>	...
†	44° 351	+35° 221	-5	...	...	...	48° 917	+15° 715	-5	...	...	...	53° 982	-1° 415	-4	<i>e</i>	...
...	44° 436	-38° 642	-2	...	...	...	48° 992	-14° 965	0.70	...	...	<i>e</i>	54° 092	-1° 717	-2	50.3238	9.8
...	44° 482	+24° 145	-2	...	...	...	49° 154	+34° 539	0.65	...	...	...	54° 138	-18° 757	-4	<i>e</i>	...
...	+44° 547	+20° 093	-5	...	...	...	+49° 286	+20° 480	-4	...	...	*	+54° 205	+47° 795	1.05	50.3236	9.5
...	44° 549	-40° 122	-5	...	...	...	49° 294	-27° 112	-5	...	...	<i>e</i> *	54° 210	-10° 430	0.95	51.3133	9.7
...	44° 691	-30° 276	0.95	51.3116	9.5	...	49° 410	+19° 486	-5	...	...	...	54° 271	+45° 987	0.80	50.3237	9.7
...	44° 787	-11° 667	-5	...	...	...	49° 661	-6° 967	0.70	...	...	...	54° 275	+28° 504	-5	...	...
†	44° 824	+24° 666	-5	...	...	...	49° 662	+33° 425	-5	...	...	...	54° 369	-22° 190	-2	<i>e</i>	...
100I	+44° 829	+30° 084	-5	...	...	106I	+49° 686	+26° 914	-5	...	...	112I	+54° 380	+40° 331	-4	...	...
†	44° 906	+43° 878	0.75	50.3215	9.8	†	49° 895	-15° 534	-3	...	...	...	54° 427	+31° 469	0.70	...	...
...	44° 929	+13° 906	-4	...	...	...	49° 969	+58° 436	0.80	49.3258	9.6	...	54° 475	-33° 471	-5	<i>e</i>	...
...	44° 954	-56° 368	-5	...	...	...	49° 993	-8° 933	-2	51.3123	9.8	...	54° 478	+6° 902	0.90	50.3239	9.5
...	45° 027	-35° 560	0.70	...	...	...	50° 002	+47° 270	-5	...	...	...	54° 531	+6° 943	0.70	...	...
...	+45° 028	+15° 466	0.90	50.3216	9.8	...	+50° 010	-6° 533	-5	...	...	*	+54° 679	+57° 617	1.60	49.3267	9.0
...	45° 067	-50° 934	-4	...	...	...	50° 115	-35° 641	-3	...	...	...	54° 700	+4° 063	-3	...	...
...	45° 272	-16° 977	-3	...	...	...	50° 141	-0° 492	-5	...	...	<i>e</i>	54° 792	-47° 105	0.70	51.3135	9.8
...	45° 358	+16° 608	-5	...	...	...	50° 237	-56° 929	-4	51.3126	9.8	<i>S</i> †	54° 825	+13° 937	2.65	50.3241	8.1
...	45° 361	+26° 660	-3	...	...	...	50° 248	-14° 644	0.70	51.3124	9.8	...	54° 964	+24° 449	0.90	50.3240	9.8
101I	+45° 468	-28° 819	-5	...	...	107I	+50° 339	+48° 911	1.10	50.3228	9.5	113I	+55° 272	-55° 481	-3	51.3137	9.7
...	45° 513	+39° 276	-2	...	...	...	50° 404	+14° 822	0.75	50.3231	9.8	<i>N e</i>	55° 472	-45° 226	-5	<i>e</i>	...
...	45° 519	-23° 473	0.90	51.3117	9.8	...	50° 428	+34° 573	-1	50.3229	9.8	<i>e</i>	55° 556	-8° 355	0.70	51.3134	9.8
...	45° 630	+25° 452	-2	...	...	<i>n</i>	50° 471	-21° 098	0.95	51.3125	9.6	...	55° 586	+46° 213	-5	...	...
...	45° 706	+41° 977	-5	...	...	...	50° 582	+29° 616	-5	...	...	<i>e</i>	55° 618	-12° 212	0.80	51.3136	9.8
...	+45° 726	+37° 706	-5	...	...	<i>n</i>	+50° 624	-21° 263	0.85	51.3125	9.6	...	+55° 690	+36° 136	-5	...	...
...	46° 098	+28° 798	-2	...	...	...	50° 841	+51° 321	-1	50.3230	9.8	<i>Se</i> *	55° 758	-42° 920	2.40	51.3138	8.4
...	46° 292	+32° 105	0.90	50.3218	9.6	...	50° 963	+34° 861	-4	<i>b</i>	...	...	55° 840	+8° 131	-5	...	...
...	46° 314	+53° 049	-5	...	...	...	51° 008	+46° 595	-1	50.3232	9.8	...	55° 963	-13° 233	-4	<i>e</i>	...
...	46° 324	-55° 495	-3	...	...	...	51° 198	-29° 736	0.70	...	...	...	56° 107	-24° 051	-5	<i>e</i>	...

1074, 1076. C.P.D., suspected double.

1131. Brighter of double; companion is much fainter.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		-5.	No.		Mag.	<i>x.</i>		<i>y.</i>	5.		No.	Mag.		<i>x.</i>	<i>y.</i>
1141-1160						1161-1180											
II4I	+56'333	+34'912	0.70	50.3243	9.8	II6I	+58'097	+15'130	-3	...	...	...	...	...	...	...	...
...	56.40I	+31'86I	-4	...	...	*	58'344	+38'805	1.05	50.3248	9.5	...	...	...	...	...	...
*	56.434	+9'708	1.50	50.3246	8.8	...	58'36I	+2'449	-2	...	...	...	...	...	...	...	...
...	56.458	+14'527	-4	...	...	...	58'399	+25'426	-4	...	...	...	...	...	...	...	...
...	56.536	+19'645	-4	...	...	...	58'462	+37'544	-5	...	...	...	...	...	...	...	...
<i>e</i>	+56'60I	-12'247	0.80	51.3139	9.8	<i>e</i>	+58'710	-25'623	0.90	51.3142	9.6	...	...	...	...	...	...
...	56.659	+23'858	0.90	50.3245	9.8	<i>e</i> *	58'756	-53'50I	1.40	51.3143	9.4	...	...	...	...	...	...
...	56.758	+49'44I	-3	50.3242	9.8	...	58'799	+19'117	0.75	50.3249	9.8	...	...	...	...	...	...
<i>e</i>	56.81I	-23'599	0.65	51.3140	9.8	...	58'846	+35'553	-4	...	...	...	...	...	...	...	...
...	56.849	+34'212	0.80	50.3244	9.8	...	58'849	-37'026	-5	<i>e</i>	...	...	...	...	...	...	...
II5I	+56'954	+7'78I	-5	<i>b</i>	...	II7I	+58'884	-3'153	-4	<i>e</i>	...	...	...	...	...	...	...
...	57'259	+50'338	-5	...	...	...	58'924	-23'590	-3	<i>e</i>	...	...	...	...	...	...	...
...	57'34I	-34'400	-3	<i>e</i>	...	...	59'013	-8'602	-5	...	...	...	...	...	...	...	...
...	57'555	-3'646	-4	<i>e</i>	...	...	59'029	-56'519	-5	<i>e</i>	...	...	...	...	...	...	...
...	57'642	-9'149	-5	<i>e</i>	...	...	59'065	+1'959	-5	...	...	...	...	...	...	...	...
...	+57'700	+19'590	-5	<i>a</i>	...	...	+59'435	+15'102	-3	...	...	...	...	...	...	...	...
...	57'713	-43'817	-5	...	...	...	59'466	+4'572	-5	<i>e</i>	...	...	...	...	...	...	...
...	58'005	-18'316	-4	<i>e</i>	...	...	59'612	+10'387	0.70	50.3252	9.8	...	...	...	...	...	...
...	58'012	+32'282	0.90	50.3247	9.8	...	59'726	+13'428	0.75	50.3251	9.8	...	...	...	...	...	...
<i>e</i>	58'03I	-40'214	-3	51.3141	9.8	<i>e</i> †	59'764	-4'24I	0.80	50.3254	9.8	...	...	...	...	...	...

1-30						31-60						61-90					
I	...	...	...	...	...	3I	...	...	...	...	...	6I	...	...	...	...	...
E *	—59'722	—19'28I	I.00	51.3129	9.7	...	—57'594	+42'365	—5	...	...	...	—54'344	+2'044	—5	...	...
...	59.72I	—52'125	—5	E	...	...	57'559	+19'625	—5	...	...	...	54'314	—3'064	—4	E	...
...	59.600	+46'140	—5	...	...	...	57'51I	—45'970	—5	E	...	...	54'273	+20'543	I.00	50.3250	9.6
*	59.347	+24'362	I.00	50.3240	9.8	...	57'480	—33'546	—5	E	...	...	54'17I	+41'576	—2	50.3253	9.8
...	59.280	—1'522	—4	E	...	...	57'452	+14'482	—5	...	...	...	54'14I	+13'54I	0.95	50.3251	9.8
E	—59'143	—1'825	—2	50.3238	9.8	E	—57'423	—8'408	0.75	51.3134	9.8	...	—54'138	+10'494	0.80	50.3252	9.8
*	59.123	+6'800	I.00	50.3239	9.5	*	57'276	+9'684	2.00	50.3246	8.8	...	54'048	+4'66I	—5	E	...
...	59.084	+6'844	0.90	...	...	E	57'198	—12'253	0.85	51.3136	9.8	...	53'957	+19'459	—5	...	...
...	59.090	+36'050	—5	...	...	...	56'824	—13'263	—5	E	...	...	53'727	+42'417	—4	...	...
S *	59.047	+13'852	3.00	50.3241	8.1	...	56.620	+32'305	I.00	50.3247	9.8	E	53'640	—40'129	—3	51.3141	9.8
II	...	...	...	...	...	4I	...	...	...	...	...	7I	...	...	...	...	...
...	—59.025	—45'104	—5	E	...	E	—56'593	—47'152	—1	51.3135	9.8	*	—53'619	+32'088	I.10	50.3257	9.4
E	58.983	—34'707	—2	51.3130	9.8	*	56.549	+38'832	I.20	50.3248	9.5	...	53'569	+0'240	—5	B	...
...	58.970	—34'567	—5	E	...	...	56.394	+37'560	—5	...	...	E	53'558	—25'52I	0.95	51.3142	9.6
E	58.887	—18'458	—2	51.3132	9.8	...	56.23I	—24'062	—5	E	...	...	53'543	+42'02I	—5	...	...
...	58.785	+3'979	—4	...	...	E	56.223	—12'246	0.90	51.3139	9.8	...	53'446	—23'483	—4	E	...
E	—58.693	—10'527	I.00	51.3133	9.7	...	—56.006	—45'250	—5	E	...	E	—53'393	—4'098	0.95	50.3254	9.8
...	58.536	+49'398	—3	50.3242	9.8	...	55.953	+25'474	—2	...	...	...	53'277	+10'754	0.90	50.3255	9.8
E *	58.533	—49'493	I.00	51.3131	9.4	...	55.905	+35'603	—5	...	...	*	53'238	+13'088	I.00	50.3256	9.6
...	58.43I	—18'847	—5	E	...	...	55.827	+15'170	—2	...	...	*	53'222	+45'915	I.00	50.3260	9.4
†	58.393	+34'872	—2	50.3243	9.8	S E *	55.808	—42'934	2.95	51.3138	8.4	...	53'104	+40'688	—2	50.3259	9.8
2I	...	...	...	...	...	5I	...	...	...	...	...	8I	...	...	...	...	...
...	—58.290	+16'440	—5	...	...	N E	—55.790	—55'510	—3	51.3137	9.7	*	—53'029	+50'149	I.60	50.3262	9.4
...	58.262	—27'916	—5	E	...	...	55.620	—3'612	—5	E	...	*	52.992	+57'303	I.00	49.328I	9.5
...	58.199	+31'815	—5	...	...	...	55.543	—23'590	—1	51.3140	9.8	...	52.970	—36'915	—5	E	...
...	58.100	+50'317	—5	...	...	...	55.296	—9'114	—5	E	...	...	52.960	+41'61I	—5	D	...
...	58.06I	—22'270	—4	E	...	...	55.290	+19'190	—1	50.3249	9.8	...	52.958	—3'603	0.65	...	...
...	—57.852	+34'189	0.65	50.3244	9.8	...	—55.052	+2'503	—3	...	...	...	—52.924	+43'442	—2	50.3261	9.8
...	57.820	—41'924	—5	E	...	...	54.77I	—35'80I	—5	...	...	...	52.856	+6'590	0.95	50.3258	9.8
...	57.814	+8'072	—5	...	...	...	54.576	—34'347	—5	E	...	...	52.534	+31'897	—4	...	...
...	57.649	+2'160	—5	B	...	...	54.574	—18'250	—4	E	...	*	52.445	+46'165	I.00	50.3263	9.5
...	57.632	+23'842	0.85	50.3245	9.8	...	54.508	+15'199	—3	...	...	...	52.426	+29'473	—5	A	...

L measured from 1, 248, 443, 658, 823, 999.
C " " 119, 364, 548, 742, 896, 1080.

51. Brighter of double ; companion much fainter.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
91-150						151-210						211-270					
9I						15I						21I					
E *	-52.393	-53.380	1.30	51.3143	9.4	...	-48.119	-11.934	0.70	...	...	S *	-43.221	-59.699	1.50	51.3156	9.1
...	52.132	-18.689	-3	...	...	...	48.118	+35.631	-4	...	...	...	43.210	+54.651	1.95	49.3307	8.6
*	52.058	+33.640	2.00	50.3264	8.8	...	48.103	+34.157	-4	...	...	...	43.043	-18.570	-5	...	...
...	52.044	-9.681	-5	...	...	...	48.014	+4.246	-5	...	...	...	42.544	+56.451	-5	...	...
...	52.009	-56.376	-4	E	...	*	47.991	-25.689	1.20	51.3150	9.0	†	42.476	+49.726	-3	...	...
...	-51.725	-36.960	-5	...	...	*	-47.846	+22.694	1.35	50.3279	9.1	...	-42.210	+18.760	-2	...	...
...	51.589	+58.946	-3	49.3289	9.7	*	47.708	+48.776	1.00	50.3284	9.5	...	42.020	+26.136	0.90	50.3296	9.6
...	51.512	+35.028	-1	50.3265	9.8	...	47.645	-51.254	-3	...	...	...	41.971	-24.301	-5	...	...
...	51.163	+33.323	-2	...	...	*	47.615	+19.347	1.00	50.3282	9.4	...	41.969	-53.754	-5	...	...
...	51.077	-55.125	-5	...	...	...	47.614	-3.164	-2	...	...	...	41.892	-53.019	0.65	51.3158	9.8
10I						16I						22I					
...	-50.862	+38.927	-5	...	...	†	-47.599	+44.738	-3	...	...	...	-41.787	-30.990	-5	...	...
...	50.722	+7.965	-4	...	...	*	47.599	+41.659	1.15	50.3283	9.4	*	41.697	-12.835	1.00	51.3159	9.7
...	50.700	+41.423	-5	...	...	...	47.479	+5.015	0.75	50.3281	9.8	...	41.681	-52.772	-5	...	...
...	50.693	-8.312	0.85	...	...	...	47.240	+31.733	-4	...	...	...	41.588	+10.194	-4	...	...
...	50.682	-58.894	-3	51.3144	9.8	...	47.135	+20.397	-5	M	...	...	41.574	+48.452	0.95	50.3299	9.6
*	-50.672	+27.554	1.15	50.3267	9.3	...	-47.038	-53.855	-4	...	...	†	-41.332	-0.023	0.95	50.3298	9.6
...	50.655	-20.340	-3	...	...	*	46.739	-54.723	1.00	51.3151	9.5	...	41.327	-2.597	0.90	50.3297	9.6
...	50.491	+16.580	0.65	50.3266	9.8	*	46.671	+13.360	0.90	50.3286	9.7	*	41.043	-35.347	1.50	51.3160	8.8
*	50.489	-36.059	1.00	51.3145	9.5	...	46.640	-3.511	-1	50.3285	9.8	...	41.023	-29.175	-4	...	...
...	50.281	+24.652	-5	...	...	...	46.606	-35.775	0.75	51.3152	9.8	...	40.981	-33.335	-5	...	...
11I						17I						23I					
...	-50.267	+12.026	-5	...	...	...	-46.571	+58.878	-3	...	...	...	-40.781	+32.568	-5	B	...
...	50.265	-22.274	-5	...	...	...	46.534	-12.232	-4	...	...	...	40.774	+21.418	0.85	50.3300	9.7
*	50.162	-47.359	1.20	51.3146	9.2	...	46.518	-21.254	-3	...	...	...	40.711	-18.149	0.70	51.3161	9.8
N *	50.154	+59.010	1.80	49.3292	9.0	...	46.515	+18.935	-5	...	...	...	40.673	+24.699	-3	...	...
...	50.121	-19.588	0.90	51.3148	9.8	*	46.468	-2.391	1.25	50.3287	9.1	...	40.600	-58.721	-4	...	...
...	-50.005	-8.101	-5	...	...	...	-46.419	+52.908	-5	B	...	...	-40.406	+6.545	-4	...	...
†	49.969	-36.611	-5	...	...	...	46.361	+14.755	-2	...	...	*	40.392	+37.238	0.90	50.3303	9.8
†	49.927	+32.405	-5	...	...	...	46.024	-5.574	0.70	50.3288	9.8	...	40.351	+5.764	-4	...	...
†	49.875	+7.750	-4	...	...	...	45.934	-4.338	-5	...	...	...	40.277	+2.602	0.70	50.3301	9.8
†	49.874	-58.310	-5	...	...	...	45.933	+18.045	-5	...	...	...	40.255	-51.280	-3	...	...
12I						18I						24I					
†	-49.840	+37.721	-4	50.3269	9.8	...	-45.931	+34.141	0.95	50.3289	9.5	...	-40.218	-3.771	-5	...	...
...	49.818	+7.683	-5	...	...	...	45.888	+51.426	-5	...	...	*	40.197	-34.903	1.25	51.3162	9.0
*	49.663	+17.211	3.00	50.3268	8.2	...	45.631	+48.954	-5	...	...	...	40.189	+49.400	-5	...	...
...	49.621	+43.023	-4	50.3271	9.8	...	45.610	+30.197	-3	...	...	...	40.128	-23.098	-5	...	...
*	49.608	-58.410	1.25	51.3147	9.3	...	45.492	+37.450	-3	...	...	*	40.111	+13.423	1.00	50.3302	9.7
...	-49.515	-15.952	-4	...	...	*	-45.486	+30.845	1.00	50.3291	9.5	*	-40.105	+23.596	1.15	50.3304	9.2
...	49.509	-27.258	-5	...	...	...	45.318	+14.049	0.70	50.3292	9.8	†	39.967	-53.002	-4	...	...
...	49.493	-4.415	-4	...	...	*	45.230	-0.220	1.15	50.3290	9.2	...	39.857	-38.379	0.85	51.3163	9.8
...	49.470	+29.965	0.65	...	...	...	45.103	+58.011	-2	49.3303	9.7	*	39.731	+34.556	1.30	50.3305	9.0
...	49.244	-34.554	-5	...	...	†	44.917	+58.815	1.05	49.3304	9.3	...	39.685	+4.194	-5	...	...
13I						19I						25I					
...	-49.201	-3.104	-5	...	...	†	-44.891	-38.743	0.85	51.3153	9.6	*	-39.553	+31.156	1.00	50.3307	9.5
...	49.101	+26.020	0.85	50.3273	9.6	...	44.793	-13.976	-3	...	...	...	39.486	+45.767	-3	...	...
†	49.092	-15.076	-2	...	...	†	44.716	-5.085	-5	...	...	...	39.420	-22.320	-5	...	...
...	49.015	+11.063	0.70	...	...	...	44.686	+31.204	-4	...	...	...	39.416	+13.446	-2	50.3306	9.8
...	48.998	-2.870	-3	50.3270	9.8	...	44.611	-1.969	0.80	50.3293	9.7	...	39.353	-18.435	-3	...	...
...	-48.989	+23.636	-5	...	...	*	-44.573	+57.672	1.40	49.3305	9.0	...	-38.850	+16.391	-5	...	...
...	48.933	-10.707	0.70	...	...	...	44.536	+43.805	-3	...	...	...	38.850	-1.795	-5	...	...
...	48.869	+29.011	0.75	50.3274	9.8	...	44.524	+44.228	-3	...	...	*	38.818	+27.396	0.95	50.3309	9.6
*	48.833	-4.250	1.05	50.3272	9.2	...	44.511	+3.565	0.75	50.3294	9.8	...	38.806	-15.480	-5	...	...
...	48.630	+23.219	0.70	50.3275	9.8	...	44.410	+20.907	-5	...	...	...	38.760	+17.191	0.70	50.3308	9.6
14I						20I						26I					
†	-48.629	-25.042	1.40	51.3149	8.9	...	-44.250	+39.465	0.80	50.3295	9.8	...	-38.676	+44.384	-5	...	...
*	48.498	+53.801	1.15	49.3294	9.4	...	44.167	+26.778	-3	...	...	*	38.419	+21.278	1.00	50.3310	9.4
...	48.388	-5.937	-2	...	...	...	43.978	-24.270	-3	...	...	...	38.290	-31.873	-3	...	...
...	48.384	+33.095	0.85	50.3277	9.8	...	43.903	+15.849	-3	...	...	...	38.033	-11.623	-5	...	...
*	48.375	+28.664	1.70	50.3276	8.8	...	43.487	+31.771	-3	...	...	...	37.942	-55.944	-5	...	...
...	-48.358	-40.508	-5	...	...	...	-43.358	-57.694	0.90	51.3157	9.6	...	-37.862	-23.801	-4	...	...
†	48.311	-49.912	-5	...	...	...	43.289	-36.167	-4	...	...	...	37.825	-50.405	-2	...	...
*	48.297	+47.358	1.25	50.3278	9.3	...	43.244	-45.519	-5	...	...	...	37.694	+1.362	-5	...	...
...	48.227	+5.443	-3	...	...	...	43.239	-35.436	-4	...	...	...	37.302	+27.676	-3	...	...
...	48.224	+38.060	0.75	50.3280	9.8	...	43.235	+12.754	-5	...	...	*	37.269	+47.670	1.00	50.3312	9.5

114. Mass. 50° 52, two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
271-330						331-390						391-450					
27I	-37.243	-36.701	-2	...	...	33I	-32.787	-54.481	1.00	51.3179	9.4	39I	-26.540	+25.649	-4	...	...
...	37.187	-21.551	1.00	51.3165	9.5	...	32.784	-56.657	-5	...	...	...	26.367	-9.977	1.00	51.3191	9.4
...	37.002	+45.749	-4	...	...	...	32.675	-50.027	2.00	51.3180	8.2	...	26.291	-8.989	-5	...	...
...	36.968	-8.346	-5	...	...	...	32.618	+52.765	-1	49.3322	9.8	...	26.260	+36.297	-5	...	...
...	36.919	-10.890	2.60	51.3166	8.1	...	32.615	-33.876	-3	...	...	...	26.256	+17.854	0.65	50.3342	9.8
...	36.905	-3.453	1.00	50.3311	9.5	...	32.600	+42.904	-5	...	...	...	26.248	-19.623	1.00	51.3192	9.5
...	36.753	+10.096	0.90	50.3313	9.6	...	32.572	-35.765	-2	...	...	...	26.152	-42.530	0.95	51.3190	9.6
...	36.744	-24.794	-5	...	...	...	32.311	+42.243	0.90	50.3327	9.6	...	26.111	+13.894	0.95	50.3343	9.5
...	36.498	-27.021	2.00	51.3168	8.4	...	32.251	+27.230	-5	...	...	...	26.067	+6.356	-3	...	...
...	36.433	-56.112	-2	51.3167	9.8	...	32.134	-55.186	-4	...	...	...	25.871	-55.893	-3	...	...
28I	-36.430	+6.056	-5	...	...	34I	-32.113	+19.136	-5	...	...	40I	-25.861	-17.698	1.10	51.3193	9.1
...	36.354	-7.215	1.15	50.3314	9.2	...	31.988	+30.201	0.90	50.3328	9.6	...	25.773	-40.880	-2	...	...
...	36.349	+5.448	-3	...	...	...	31.900	+15.137	-5	...	...	...	25.743	+0.075	-5	M	...
...	36.335	-22.739	-5	...	...	...	31.855	-44.957	-5	...	...	...	25.333	+10.136	-3	...	...
...	36.326	-47.083	-4	...	...	...	31.303	-35.654	-2	...	...	...	25.075	-3.218	0.85	50.3344	9.6
...	36.262	-5.860	-4	...	...	...	31.286	-14.870	2.80	51.3183	8.0	...	25.015	-8.850	-4	51.3194	9.8
...	36.039	+19.529	-3	...	...	...	31.253	-2.323	-5	...	...	...	24.160	+36.224	-4	...	...
...	36.035	+8.816	-2	50.3315	9.8	...	31.127	-29.584	-5	...	...	...	24.050	+34.477	-5	...	...
...	35.985	+24.674	-5	...	...	...	31.125	-9.744	-1	51.3184	9.8	...	23.969	-19.039	1.35	51.3195	8.9
...	35.938	+51.067	0.95	50.3317	9.8	...	30.972	+36.107	-5	...	...	...	23.954	-40.342	-4	...	...
29I	-35.828	-53.200	1.00	51.3170	9.6	35I	-30.931	+58.981	1.05	49.3324	9.4	41I	-23.902	+26.446	-4	...	...
...	35.784	+55.167	-4	...	...	...	30.637	+13.396	-5	...	...	...	23.895	-23.210	-5	...	...
...	35.760	+40.373	3.00	50.3316	8.0	...	30.467	+7.161	-4	...	...	...	23.809	+27.629	-4	...	...
...	35.743	+6.409	-5	...	...	...	30.464	+3.843	-5	...	...	...	23.640	-1.053	-5	...	...
...	35.667	+7.776	-2	...	...	...	30.460	+42.962	0.80	50.3329	9.7	...	23.495	+15.370	-5	...	...
...	35.622	-17.400	-3	...	...	...	30.391	+48.132	1.80	50.3330	8.7	...	23.394	-53.093	-4	...	...
...	35.448	+39.954	-5	...	...	...	30.360	+32.415	-5	...	...	...	23.376	+2.995	-5	...	...
...	35.432	+33.868	0.75	50.3319	9.8	...	30.334	-43.083	0.70	51.3185	9.8	...	23.241	+14.716	1.00	50.3345	9.4
...	35.332	+14.122	0.70	50.3318	9.8	...	30.273	+28.620	-5	...	...	...	23.142	-43.463	-4	...	...
...	35.223	+35.606	1.00	50.3320	9.4	...	30.210	+55.039	-1	49.3328	9.8	...	23.108	+34.340	0.90	50.3346	9.6
30I	-35.181	-17.898	0.90	51.3172	9.6	36I	-30.139	+38.308	1.00	50.3331	9.4	42I	-23.084	-10.545	-5	...	...
...	35.174	+43.466	-3	...	...	...	30.116	-22.802	1.00	51.3186	9.4	...	22.938	-5.125	-2	...	...
...	35.105	-52.900	0.95	51.3171	9.6	...	30.105	+25.883	-3	...	...	...	22.868	-44.723	0.70	51.3196	9.8
...	34.967	+23.863	-5	M	...	...	29.929	-58.007	-4	...	...	...	22.858	-5.798	-4	...	...
...	34.791	-55.290	-5	...	...	...	29.777	+17.998	-5	...	...	...	22.713	+33.528	-5	...	...
...	34.770	-36.872	-5	...	...	...	29.570	+17.205	-3	50.3332	9.8	...	22.686	+56.943	-4	...	...
...	34.564	+45.742	-5	...	...	...	29.450	+16.768	1.00	50.3333	9.5	...	22.633	+48.926	-3	50.3347	9.8
...	34.539	+7.004	-5	...	...	...	29.233	-2.803	-2	...	...	...	22.335	+40.212	-3	...	...
...	34.534	-1.341	1.10	50.3321	9.4	...	29.057	+44.943	1.00	50.3334	9.5	...	22.202	-56.742	-3	51.3197	9.8
...	34.521	+5.723	-5	...	...	...	29.055	-0.582	-4	...	...	...	22.085	-15.774	-4	...	...
31I	-34.485	-54.734	1.00	51.3173	9.5	37I	-28.849	+42.448	0.80	50.3335	9.8	43I	-22.083	-28.457	-2	51.3198	9.8
...	34.478	+10.717	0.90	50.3323	9.6	...	28.816	+53.018	0.95	49.3330	9.5	...	22.074	+27.406	1.20	50.3348	9.1
...	34.459	-37.891	-5	...	...	...	28.632	-14.738	-5	...	...	...	21.778	+29.063	0.90	50.3349	9.6
...	34.412	-37.958	-1	51.3174	9.6	...	28.625	+48.172	-5	...	...	...	21.579	+57.382	1.20	49.3343	9.1
...	34.385	-4.110	0.80	50.3322	9.8	...	28.612	+51.828	1.05	50.3336	9.3	...	21.344	+54.775	-2	49.3344	9.8
...	34.381	-20.651	1.00	51.3176	9.5	...	28.510	-31.489	0.70	51.3187	9.8	...	21.297	-55.777	-4	...	...
...	34.285	+36.685	0.80	50.3324	9.8	...	28.299	-33.535	0.80	51.3188	9.8	...	21.268	-46.386	1.15	51.3199	9.1
...	34.186	+48.901	1.00	50.3325	9.6	...	28.298	+15.922	-5	M	...	...	21.199	+30.965	-5	...	...
...	33.811	+17.404	-4	...	...	...	28.039	+12.674	1.05	50.3337	9.4	...	20.975	-11.909	1.00	51.3200	9.5
...	33.551	+33.933	-5	...	...	...	28.011	+12.164	-2	50.3338	9.8	...	20.953	+10.901	-5	...	...
32I	-33.505	-24.753	1.00	51.3178	9.2	38I	-27.897	+46.979	3.50	50.3339	7.3	44I	-20.590	+53.465	1.40	49.3345	9.1
...	33.477	-38.509	1.25	51.3177	9.1	...	27.553	-54.266	-5	...	...	...	20.095	-58.625	-3	...	...
...	33.391	+3.164	-5	...	...	...	27.425	+13.935	0.70	50.3340	9.8	...	19.933	+18.014	-5	...	...
...	33.381	+48.308	0.90	50.3326	9.7	...	27.307	-22.217	-5	...	...	...	19.916	-41.372	-5	...	...
...	33.309	-39.333	-4	...	...	...	27.229	+12.576	0.75	50.3341	9.8	...	19.887	+2.694	0.80	50.3350	9.7
...	33.229	-11.997	-2	51.3181	9.8	...	27.141	+16.928	-5	...	...	...	19.757	+42.349	-3	...	...
...	33.169	-34.155	-5	...	...	...	27.128	-11.573	-5	...	...	...	19.699	+21.286	-5	...	...
...	33.156	-9.464	-4	...	...	...	26.919	+25.299	-5	...	...	...	19.624	+25.692	1.00	50.3351	9.6
...	33.155	-13.914	-5	...	...	...	26.807	-41.588	1.60	51.3189	8.9	...	19.594	-31.911	1.10	51.3201	9.2
...	32.816	-13.918	-2	51.3182	9.8	...	26.585	+57.841	1.00	49.3336	9.5	...	19.516	-4.039	1.20	50.3352	7.8

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
451-510						511-570						571-630					
45I	-19.273	-4.008	4.00	°		51I	-13.951	-22.580	-5	°		57I	-7.634	-40.243	1.00	51.3229	10.0
...	19.105	+44.568	-5	...	...	...	13.880	-39.863	-4	...	...	...	7.608	+50.822	0.80	...	...
...	18.875	+22.132	-3	50.3353	9.8	*	13.747	+3.135	2.90	50.3365	8.2	†	7.443	-44.941	1.00	51.3230	10.0
†	18.828	-35.074	-5	...	...	...	13.582	-49.543	-5	...	...	...	7.374	-45.295	-4	...	...
...	18.635	+10.272	-3	50.3354	9.8	...	13.579	+4.591	-5	...	...	...	7.129	+5.805	-1	50.3372	9.8
...	-18.610	-56.488	-2	51.3202	9.8	...	-13.523	-31.143	-3	...	...	...	-7.103	-17.377	-4	...	...
†	18.588	+34.879	1.00	50.3355	9.2	...	13.429	-44.293	-5	...	...	*	6.990	+3.582	1.25	50.3373	9.0
...	18.471	-14.811	-3	...	...	...	13.376	-50.353	-5	...	...	S *	6.951	-14.721	2.85	51.3231	8.2
...	18.466	-59.797	-5	...	...	†	13.317	-40.049	0.70	...	...	...	6.885	+30.128	-3	...	...
*	18.420	+52.017	1.05	50.3356	9.1	*	13.275	+21.044	2.00	50.3366	8.8	...	6.838	+7.538	0.95	50.3374	10.0
46I	...	...	...	...	...	52I	...	...	...	...	...	58I	...	...	...	...	...
†	-18.155	-10.044	-2	51.3203	9.8	...	-13.257	+25.645	-4	...	...	...	-6.788	-41.056	-3	...	...
...	17.865	+25.383	-3	...	...	...	13.181	-51.576	-5	...	...	...	6.703	+58.933	-5	...	...
...	17.748	+24.981	-5	...	...	...	12.949	-33.278	-3	...	...	...	6.585	-52.424	-5	...	...
...	17.667	-6.542	-3	50.3357	9.8	...	12.827	-54.426	-3	...	...	*	6.571	-12.646	3.00	51.3234	8.2
...	17.649	-51.384	-1	51.3204	9.8	*	12.691	-32.471	1.50	51.3218	8.9	...	6.503	+32.907	-5	...	...
*	-17.455	+43.950	2.00	50.3358	8.5	...	-12.591	-31.036	0.75	...	...	...	-6.491	+59.395	-5	...	...
†	17.441	-30.022	-5	...	...	*	12.415	-57.400	1.05	51.3219	9.2	*	6.485	+23.093	1.00	50.3375	9.7
...	17.395	-12.771	0.70	51.3205	9.8	...	12.341	-57.262	-5	...	...	...	6.481	+50.039	-4	...	...
...	17.363	+40.131	0.95	50.3360	9.6	...	12.155	-24.761	-5	...	...	*	6.446	-44.413	1.40	51.3233	9.0
...	17.302	+11.998	-1	50.3359	9.8	*	11.902	+33.421	0.95	50.3367	10.0	...	6.197	-8.164	-4	...	...
47I	...	...	...	...	...	53I	...	...	...	...	...	59I	...	...	...	...	...
...	-17.271	-32.927	-5	...	...	...	-11.889	-37.494	-5	...	...	*	-5.960	+26.362	1.00	50.3376	9.7
...	17.207	-25.527	0.90	51.3206	9.7	...	11.671	+16.091	-5	...	...	*	5.797	-20.424	1.00	51.3235	9.8
...	17.015	+38.529	-5	...	...	†	11.523	-10.102	2.00	51.3220	8.6	*	5.632	-14.247	3.00	51.3236	8.0
...	16.988	+23.888	-5	...	...	...	11.203	-49.450	-5	...	...	...	5.613	-30.974	-4	...	...
...	16.965	-23.344	0.80	51.3208	9.8	...	11.048	-32.805	0.70	51.3222	9.4	...	5.453	-57.890	-5	...	...
*	-16.928	-19.523	1.30	51.3207	9.0	...	-10.999	+8.695	-5	...	...	...	-5.380	+52.818	-2	...	...
...	16.923	-36.247	-5	...	...	...	10.958	-10.506	0.95	51.3221	10.0	...	5.368	-32.887	-5	...	...
...	16.903	-31.759	-5	...	...	...	10.925	-7.639	-5	...	...	...	5.266	+40.322	-1	...	...
...	16.829	-53.278	-4	...	...	...	10.905	-1.379	-5	...	...	*	5.226	+49.676	0.95	50.3377	10.0
...	16.797	+29.348	0.80	50.3361	9.8	...	10.883	-3.512	-5	...	...	*	5.195	-15.566	1.10	51.3237	9.5
48I	...	...	...	...	...	54I	...	...	...	...	...	60I	...	...	...	...	...
†	-16.524	-45.060	0.65	51.3209	9.8	...	-10.866	-16.226	-2	...	...	*	-5.146	+8.831	1.00	50.3378	9.8
...	16.387	-10.900	-4	...	...	*	10.600	-32.431	1.05	...	...	...	5.082	+24.202	0.70	...	...
...	16.070	+49.985	-5	...	...	...	10.534	-17.460	-2	...	...	*	4.856	-41.724	1.00	51.3238	9.8
...	15.965	-44.879	-2	...	...	...	10.427	+35.095	-5	...	...	...	4.827	+3.722	-3	...	...
...	15.930	-53.314	-5	...	...	...	10.407	+18.041	1.00	50.3368	10.0	*	4.766	-13.956	2.00	51.3240	8.8
...	-15.928	-0.341	-5	...	...	...	-10.383	+0.206	0.70	a	...	*	-4.740	-42.932	1.00	51.3239	9.8
*	15.796	+54.135	1.00	49.3357	9.6	*	10.323	-25.214	1.00	51.3223	9.6	...	4.718	-34.093	-1	...	...
*	15.785	-18.077	1.00	51.3210	9.4	...	9.856	-48.218	0.70	...	...	*	4.712	-19.565	1.80	51.3241	8.9
S *	15.617	-41.539	2.90	51.3212	8.2	...	9.786	-34.422	-3	...	...	...	4.672	+20.553	0.70	50.3379	10.0
...	15.594	-26.205	-5	...	...	...	9.596	-25.404	-2	...	...	*	4.409	+32.430	1.00	50.3380	9.7
49I	...	...	...	...	...	55I	...	...	...	...	...	61I	...	...	...	...	...
...	-15.535	-58.430	-4	...	...	...	-9.495	+52.914	-5	...	...	...	-4.343	+26.885	-4	...	...
...	15.489	+51.342	-5	...	...	...	9.469	-50.128	-5	...	...	*	4.280	-11.945	1.40	51.3242	8.9
*	15.402	+49.417	1.00	50.3362	10.0	*	9.456	-46.108	1.20	51.3224	9.4	*	4.174	+15.708	2.00	50.3381	8.6
...	15.232	-28.295	-3	...	...	*	9.432	-29.773	1.60	51.3225	8.8	*	3.998	-10.492	1.10	51.3244	9.7
*	15.226	-39.144	1.05	51.3213	9.4	*	9.351	-21.494	2.00	51.3226	8.5	†	3.921	-15.032	2.00	51.3243	8.6
*	-15.219	+23.062	1.00	50.3363	10.0	*	-9.169	-19.411	1.25	51.3227	9.0	...	-3.848	+39.095	-5	...	...
...	15.179	+15.757	-3	...	...	...	9.092	-49.377	-5	...	...	*	3.719	-11.223	2.30	51.3245	8.5
...	15.122	+11.850	-4	...	...	*	9.040	+17.042	0.90	50.3369	9.8	...	3.519	+43.285	-5	...	...
†	15.040	-13.178	-5	...	...	...	8.997	-17.282	-5	...	...	...	3.512	+39.937	-2	...	...
†	14.984	-19.694	-5	...	...	*	8.544	+4.135	1.60	50.3370	8.9	*	3.399	-58.255	1.20	51.3246	9.6
50I	...	...	...	...	...	56I	...	...	...	...	...	62I	...	...	...	...	...
*	-14.907	-23.532	1.00	51.3214	9.4	...	-8.447	-34.384	-3	...	...	...	-3.192	+26.502	-5	...	...
*	14.867	-23.481	1.00	...	...	...	8.404	+11.945	-5	...	...	*	3.151	-55.662	0.90	...	...
...	14.855	+50.327	-5	...	...	*	8.191	+52.047	1.00	50.3371	10.0	...	3.113	-13.480	-1	51.3247	10.0
...	14.743	-51.418	-3	...	...	...	8.149	-52.990	-4	...	...	*	3.078	-31.523	2.80	51.3248	8.2
...	14.458	-23.881	0.80	51.3215	10.0	*	8.061	-59.262	1.20	51.3228	9.5	*	3.011	+24.213	1.90	50.3382	8.7
...	-14.335	-21.162	-3	...	...	...	-8.021	-28.484	-3	...	...	...	-2.998	+0.664	-3	a m	...
...	14.213	-23.473	0.90	51.3216	10.0	...	8.013	+52.371	0.65	...	...	...	2.881	-59.266	-4	...	...
*	14.211	+43.542	1.00	50.3364	10.0	...	7.907	+44.583	-5	...	...	...	2.718	+26.468	0.75	...	...
...	14.169	-30.955	-5	...	...	...	7.670	+11.107	-4	...	...	...	2.414	+34.464	-5	...	...
...	13.970	+7.326	-5	...	...	...	7.649	+44.415	-5	...	...	*	2.286	+21.348	1.15	50.3383	9.0

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
631-690						691-750						751-810					
63I	-2.227	-27.473	0.70	...	...	69I	+4.849	-25.964	1.00	51.3264	9.7	75I	+10.878	-33.095	-5	...	...
...	2.021	-19.057	-5	...	...	a	4.882	+0.899	1.20	50.3395	9.3	...	10.923	+23.914	-5	...	...
...	2.018	-43.582	-5	...	...	+	4.936	+47.747	-5	...	...	...	10.990	+40.150	-4	...	...
...	1.902	-38.050	-5	...	...	+	4.947	-34.643	1.00	51.3265	9.6	...	11.301	-15.176	0.85	51.3271	10.0
*	1.895	+43.694	1.00	50.3384	9.7	+	4.968	+33.099	1.00	50.3396	9.4	...	11.518	-58.271	1.00	51.3272	10.0
*	-1.753	-20.390	1.00	51.3249	9.8	+	5.363	+4.529	1.10	50.3397	9.2	...	+11.559	+1.591	0.90	50.3406	10.0
...	1.752	-28.976	-1	...	...	...	5.522	+25.979	-4	...	...	*	11.620	+44.004	1.00	50.3405	9.7
*	1.737	-53.133	1.00	51.3250	9.8	...	5.617	-54.331	-5	...	...	...	11.801	-28.650	-4	...	...
...	1.712	+42.375	-4	...	...	...	5.677	+53.139	-3	...	...	...	11.970	+3.161	0.90	50.3407	10.0
...	1.378	-36.648	-5	...	...	...	5.706	-14.741	-5	...	...	...	12.534	-13.462	-2	...	...
64I	-1.338	-13.287	-5	...	...	70I	+5.800	+43.174	1.20	50.3398	9.0	76I	+12.553	+41.136	-3	...	...
...	1.240	-56.701	-4	...	...	...	5.968	-45.531	-5	...	...	...	12.734	+36.509	-5	...	...
...	1.210	+12.942	-5	...	...	...	6.141	-32.012	-5	...	...	*	12.873	-10.328	1.00	51.3273	9.8
*	1.196	-46.962	1.00	51.3251	9.8	*	6.280	+36.871	1.00	50.3399	9.5	...	13.078	-15.864	-3	...	...
*	1.189	-19.900	1.10	51.3252	9.4	...	6.368	-17.586	-2	...	...	*	13.119	-58.681	1.05	51.3274	10.0
*	-1.052	+26.759	1.00	50.3385	9.7	...	+6.522	+24.938	0.70	...	...	...	+13.368	+8.730	-4	...	...
...	0.988	-47.538	-2	...	...	...	6.594	+1.941	-5	m	...	...	13.746	-57.832	-5	...	...
...	0.887	+46.603	0.85	50.3386	10.0	...	6.767	-26.087	-5	...	...	...	13.755	-40.402	-4	...	...
...	0.832	-9.236	-3	...	...	...	6.804	-38.505	-5	...	...	...	13.982	-33.677	-5	...	...
...	0.826	-16.470	0.80	51.3253	9.6	...	6.863	+37.155	-5	...	...	*	14.049	+29.260	1.10	50.3408	9.4
65I	-0.784	+10.381	0.90	50.3387	9.8	71I	+6.932	+54.061	-5	m	...	77I	+14.249	-27.775	1.15	51.3276	9.5
*	0.751	+42.848	1.20	50.3388	9.3	S	6.941	-6.498	3.00	50.3400	7.8	*	14.289	-21.243	1.10	51.3275	9.4
...	0.714	+26.106	0.75	50.3389	10.0	...	7.011	-33.010	-5	...	...	...	14.291	-37.175	-5	...	...
...	0.666	-19.974	-5	...	...	...	7.050	-33.601	-3	...	...	...	14.395	-42.187	-3	...	...
...	0.519	-41.824	-5	...	...	...	7.069	+4.756	-5	...	...	...	14.592	+39.688	0.90	50.3409	10.0
*	-0.447	-52.119	1.00	51.3254	10.0	...	+7.155	-25.906	-3	...	...	...	+14.661	+41.037	-3	...	...
...	-0.089	+44.618	-1	50.3390	10.0	...	7.250	-27.070	0.70	...	...	*	14.773	+48.677	1.00	50.3410	9.8
...	+0.165	-56.650	-3	...	...	...	7.323	-56.671	-3	...	...	...	14.774	+5.406	0.95	50.3411	10.0
...	0.211	-28.549	-5	...	...	...	7.362	-8.466	-5	...	...	*	15.038	-16.735	1.00	51.3277	10.0
*	0.373	-14.013	1.00	51.3255	9.8	...	7.469	-24.864	0.80	51.3266	10.0	...	15.074	-44.859	0.85	...	...
66I	+0.425	+44.150	1.15	50.3391	9.2	72I	+7.582	-47.121	-3	...	...	78I	+15.184	+19.359	-5	m	...
...	0.592	-55.960	-4	...	...	...	7.794	+56.269	-5	b	...	...	15.780	-2.747	-5	...	...
*	0.616	-26.601	1.00	51.3257	9.6	*	7.851	+57.388	1.05	49.3397	9.4	...	16.074	-2.675	0.95	50.3412	10.0
*	0.638	-22.727	1.00	51.3256	9.6	...	7.883	-14.337	-5	...	...	...	16.432	+38.093	-1	...	...
...	1.567	-58.530	1.00	...	...	...	7.925	-38.859	0.70	...	...	*	16.533	+1.615	1.35	50.3413	9.3
...	+1.693	-33.361	-5	...	...	...	+8.211	+39.769	-4	...	...	...	+16.565	-1.112	0.65	...	...
...	1.734	-3.714	-5	...	...	...	8.394	+32.070	-5	...	...	...	16.755	-25.245	0.95	51.3278	10.0
*	1.910	-16.448	1.00	51.3259	9.8	*	8.396	+35.999	1.00	50.3401	9.5	...	16.775	-51.197	-5	...	...
...	2.013	-57.009	-5	...	...	...	8.457	-44.233	-5	...	...	...	16.807	+13.085	-5	m	...
...	2.404	-34.356	-4	...	...	...	8.510	+51.019	-4	...	...	...	16.961	-48.940	0.75	...	...
67I	+2.469	+16.875	-5	...	...	73I	+8.541	+49.221	0.65	...	...	79I	+17.118	+24.723	-5	m	...
...	2.561	-29.100	-5	...	...	...	8.591	-56.090	0.90	...	...	...	17.196	+7.279	-5	...	...
*	2.569	+48.095	1.00	50.3392	9.5	*	8.602	-56.971	2.00	51.3267	8.8	...	17.401	-3.256	-3	...	...
...	2.611	-41.267	0.80	...	...	...	8.707	-37.570	0.95	51.3268	9.4	...	17.460	-37.361	-5	...	...
...	2.667	-30.710	-5	...	...	...	8.896	-22.624	0.95	51.3269	9.3	...	17.520	-11.794	-4	...	...
...	+2.809	-5.203	-4	...	...	...	+8.992	-22.597	1.10	...	...	*	+17.592	-44.710	1.15	51.3279	9.3
...	3.015	-23.305	0.95	51.3260	10.0	...	9.037	+37.196	-5	...	...	...	17.671	+52.227	-4	...	...
...	3.035	-3.020	-5	...	...	...	9.092	+21.032	1.00	50.3402	9.5	...	17.768	-38.507	0.80	...	...
*	3.129	-5.658	1.00	50.3393	9.8	...	9.329	+47.897	-5	...	...	...	17.881	-53.649	0.85	...	...
...	3.208	+44.990	0.75	...	...	...	9.579	+4.123	-3	...	...	...	17.942	+11.993	-1	...	...
68I	+3.208	+33.027	-5	...	...	74I	+9.734	-15.614	-3	...	...	80I	+18.005	-16.779	0.90	...	...
...	3.345	-36.209	-4	...	...	...	10.228	+45.823	-5	b	...	...	18.085	-42.411	-5	...	...
...	3.510	+14.830	-4	...	...	...	10.327	+23.848	0.90	50.3403	10.0	...	18.102	-49.603	-5	...	...
*	3.805	-41.372	0.95	51.3261	9.8	...	10.387	+12.438	-5	...	...	...	18.129	-37.677	-5	...	...
*	3.915	-48.534	1.05	51.3262	9.4	*	10.535	-14.902	1.20	51.3270	9.4	*	18.180	+56.744	1.00	49.3413	9.7
...	+4.025	-29.273	0.70	...	...	...	+10.538	-59.729	-5	...	...	...	+18.195	-50.342	-3	...	...
...	4.176	+25.651	1.20	50.3394	8.9	*	10.587	+47.656	1.00	50.3404	9.7	...	18.235	-12.099	-5	...	...
...	4.198	-10.991	-5	...	...	...	10.741	-40.813	-4	...	...	...	18.329	-40.476	-4	...	...
...	4.609	-47.648	-5	...	...	*	10.820	+58.659	3.00	49.3400	7.9	...	18.367	+9.959	-4	...	...
*	4.771	-32.648	1.00	51.3263	9.6	...	10.828	+40.884	-4	...	...	*	18.696	-40.696	1.40	51.3280	9.0

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
811-870						871-930						931-990					
81I	+18°760	+34°314	0·90	50.3414	9·8	87I	+26°291	+43°823	-5	...	...	93I	+33°539	+9°145	-4	...	...
...	18°832	-36°502	-5	...	...	*	26°819	-2°761	1·00	50.3427	9·8	*	33°571	-11°632	1·00	51.3296	9·6
*	18°939	-43°073	0·95	51.3281	10·0	...	26°935	-35°429	-2	...	...	†	33°604	-39°998	1·50	51.3298	9·2
...	19°164	+49°928	-3	...	...	*	26°941	+26°489	0·95	50.3426	9·8	...	33°611	+18°133	0·70	...	...
...	19°285	-26°169	-5	...	...	...	27°179	-40°410	-3	...	...	*	33°615	+27°336	1·05	50.3440	10·0
...	+19°505	-45°648	-5	...	...	...	+27°188	-6°216	-5	...	...	...	+33°693	-22°332	-3	...	...
...	19°536	-3°768	0·90	50.3415	10·0	...	27°322	+57°862	0·90	...	...	...	33°805	-33°563	-2	...	...
...	19°540	-38°941	-3	...	...	...	27°333	+23°856	0·80	50.3428	10·0	...	33°812	+21°902	0·70	...	...
*	19°659	+59°111	1·20	49.3416	9·4	...	27°380	-11°065	-5	...	...	...	33°833	+26°706	-4	...	...
*	19°737	+53°672	1·00	49.3417	9·8	*	27°467	-21°610	1·00	51.3290	9·4	...	33°947	-21°196	-3	...	...
82I	...	...	...	...	...	88I	...	...	...	...	...	94I	...	...	...	...	...
α	+19°810	+0°105	0·95	50.3417	9·8	...	+27°724	+42°055	-5	...	...	...	+33°955	-41°315	0·65	...	...
†	19°869	+0°984	-5	...	...	...	27°755	-33°984	-5	...	...	...	34°048	+49°334	-5	...	...
S	20°097	+29°323	1·15	50.3416	9·0	*	27°849	+29°165	1·00	50.3429	9·6	*	34°092	-51°766	1·15	51.3299	9·6
...	20°178	+31°743	-5	...	...	†	28°256	+44°761	-5	...	...	...	34°098	+25°955	-2	...	...
...	20°185	+33°134	-4	...	...	...	28°286	-10°225	-3	...	...	...	34°265	+0°965	0·70	...	...
*	+20°324	+43°151	1·00	50.3418	9·8	...	+28°321	-59°149	-5	...	...	...	+34°616	+20°519	-2	...	...
*	20°348	-33°368	1·90	51.3282	8·8	...	28°376	+10°379	-2	...	...	...	34°716	-57°537	-1	...	...
...	20°439	+47°710	0·80	50.3419	10·0	*	28°536	-33°003	1·00	51.3292	10·0	...	34°728	-24°947	-4	...	...
...	20°488	-21°021	0·85	...	...	...	29°113	-6°040	-2	...	...	...	34°936	-4°189	-4	...	...
...	20°550	+9°471	0·70	50.3420	10·0	...	29°562	+6°223	0·90	50.3432	10·0	...	35°175	+3°182	-5	m	...
83I	...	...	...	...	...	89I	...	...	...	...	...	95I	...	...	...	...	...
...	+20°593	-55°115	-5	...	...	...	+29°565	+38°133	0·75	50.3430	10·0	...	+35°295	+10°435	-4	...	...
...	20°631	-29°140	-3	...	...	...	29°631	+3°315	-5	...	...	...	35°333	+44°395	-5	...	...
...	20°812	-49°603	-3	...	...	*	29°652	+40°356	1·00	50.3431	9·7	*	35°466	-32°384	1·20	51.3300	9·2
*	20°922	-25°683	1·00	51.3284	9·5	...	29°681	+16°905	0·80	...	...	...	35°542	+35°546	-4	...	...
*	21°286	-59°259	1·00	51.3285	10·0	...	29°819	+41°282	-4	...	...	...	35°771	+41°593	-1	...	...
...	+21°722	+11°756	0·70	...	...	...	+30°205	-16°623	-5	...	...	...	+35°810	+6°533	0·70	...	...
...	21°821	+46°014	-5	...	...	*	30°325	+48°332	1·00	50.3433	9·8	*	35°861	+12°163	0·95	50.3441	10·0
...	21°881	-35°484	0·70	...	...	*	30°533	+5°640	1·05	50.3434	9·5	...	36°014	-5°498	-4	...	...
...	22°052	-23°022	-5	...	...	*	30°565	+53°261	1·00	49.3438	9·6	...	36°140	+12°991	-3	...	...
...	22°176	+51°181	-5	...	...	...	30°615	-51°030	-4	...	...	...	36°166	-45°903	0·75	...	...
84I	...	...	...	...	...	90I	...	...	...	...	...	96I	...	...	...	...	...
...	+22°595	-19°551	-5	...	...	...	+30°632	-13°498	-5	...	...	...	+36°237	-1°275	-5	...	...
...	22°688	-18°450	-5	...	...	*	30°693	+6°646	1·00	50.3435	9·7	...	36°409	+33°063	-5	b	...
...	22°718	+23°462	-5	...	...	...	30°802	-18°559	-4	...	...	*	36°420	+54°340	1·20	49.3444	9·4
...	22°856	+53°993	-1	49.3424	10·0	...	30°951	+35°393	-5	...	...	...	36°433	+45°054	-4	...	...
*	22°865	-31°561	1·40	51.3286	9·0	...	31°108	+4°288	-3	...	...	...	36°440	+26°631	-5	b	...
...	+22°888	-39°617	-5	...	...	...	+31°195	+32°654	-1	...	...	...	+36°576	+34°308	-4	...	...
...	22°975	-28°793	-5	...	...	...	31°231	-44°392	-5	...	...	*	36°713	-21°305	1·00	51.3301	9·4
*	22°983	+33°008	1·20	50.3421	9·4	*	31°249	+28°868	1·20	50.3436	9·6	...	36°725	+28°387	-5	b	...
*	23°021	+56°771	1·00	49.3423	9·8	...	31°256	-34°386	-4	...	...	*	36°745	+42°708	1·00	50.3442	10·0
S	23°258	-39°386	1·75	51.3287	8·8	...	31°293	-14°019	0·90	51.3293	10·0	...	36°802	+53°495	-1	...	...
85I	...	...	...	...	...	91I	...	...	...	...	...	97I	...	...	...	...	...
...	+23°435	+12°679	-5	...	...	...	+31°368	+27°356	-3	...	...	...	+36°851	+34°993	-5	...	...
...	23°592	-25°538	-5	...	...	...	31°538	+40°146	0·70	...	...	...	37°206	-36°274	0·95	51.3303	9·8
*	23°641	-12°525	2·00	51.3288	9·0	*	31°584	+39°149	1·00	50.3437	9·8	*	37°336	-6°383	1·00	50.3443	9·7
...	24°085	-59°463	-3	...	...	...	31°609	-26°487	-5	...	...	...	37°426	+15°177	-5	m	...
...	24°346	-33°781	-3	...	...	...	31°665	-0°663	-4	...	...	*	37°496	-17°265	1·10	51.3302	9·4
...	+24°676	-17°117	-5	...	...	...	+31°851	-29°414	-4	...	...	...	+37°619	-45°336	-3	...	...
...	24°689	+22°204	-2	...	...	*	32°100	+48°188	1·05	50.3438	9·8	...	37°892	+16°922	-5	...	...
...	24°758	-37°537	-2	...	...	...	32°330	-5°676	-5	...	...	...	37°899	+38°274	-4	...	...
†	24°828	+59°495	1·20	49.3425	9·0	...	32°360	+24°238	0·70	50.3439	10·0	...	37°972	+25°815	0·75	...	...
†	24°944	+25°333	-2	50.3422	10·0	...	32°381	+14°926	-2	...	...	†	38°013	+9°804	0·95	50.3444	9·8
86I	...	...	...	...	...	92I	...	...	...	...	...	98I	...	...	...	...	...
...	+25°028	-36°150	0·70	...	...	...	+32°418	+48°416	-3	...	...	...	+38°033	+27°753	-3	...	...
*	25°040	+38°557	1·00	50.3423	9·6	...	32°485	+1°494	-5	m	...	...	38°156	+11°837	0·95	...	...
...	25°041	-38°264	-2	...	...	...	32°715	-54°273	-4	...	...	...	38°181	+0°482	-5	m	...
...	25°048	-52°284	0·85	...	...	*	32°829	-25°869	1·10	51.3295	9·6	...	38°410	+1°443	-2	...	...
*	25°316	-6°287	1·00	50.3424	10·0	...	32°834	+51°727	-1	...	...	...	38°418	+17°491	-4	...	...
†	+25°317	+9°811	-4	...	...	...	+33°085	-28°785	-4	...	...	...	+38°451	+3°474	-2	...	...
...	25°640	+46°479	-5	b	...	...	33°285	+45°808	-4	...	...	...	38°502	+49°065	-3	...	...
*	25°926	+42°455	1·00	50.3425	9·5	*	33°285	-32°705	1·20	51.3297	9·4	...	38°523	-7°272	0·75	50.3445	10·0
*	25°962	-17°868	2·00	51.3289	8·7	...	33°442	-51°568	-5	...	...	...	38°553	+8°959	-4	...	...
...	26°060	-49°359	-5	...	...	...	33°520	-37°420	-4	...	...	...	38°644	+28°268	-5	b	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
991-1050						1051-1110						1111-1156					
99I	+38°79I	-2°452	-3	...	...	105I	+46°318	+5°175	-2	...	...	111I	+53°542	-5°029	-3	...	...
*	38°903	-52°917	I·00	5I.3304	9·8	...	46°496	-33°228	-5	...	...	e *	53°862	-7°54I	I·25	50.3465	9·2
...	38°980	-41°90I	-5	...	...	*	46°515	-5°653	I·00	50.3452	9·6	...	54°140	-23°080	-5	...	...
...	39°094	+10°318	-4	...	...	*	46°599	-34°789	I·10	5I.33II	9·4	...	54°152	+49°903	-I	...	...
...	39°266	+0°919	-4	...	...	...	46°643	-54°635	-I	5I.33I2	10·0	...	54°204	-52°319	-5	...	...
...	+39°339	-47°336	-I	...	...	...	+46°809	+11°710	-5	...	...	...	+54°348	+44°886	0·65	50.3463	10·0
...	39°43I	-11°652	0·70	...	...	...	46°812	+27°784	-5	...	...	...	54°415	-3°240	-5	e	...
...	39°660	-10°450	-5	...	...	...	46°863	-30°313	-3	...	...	†	54°783	-1°80I	-5	e	...
†	39°902	-9°317	-5	...	...	...	47°014	-1°165	-5	...	...	...	54°873	-16°446	-5	e	...
...	39°988	+7°545	-2	...	...	...	47°114	+30°957	-5	...	...	*	54°984	+13°594	I·10	50.3466	9·3
100I	...	...	...	...	...	106I	...	...	...	...	...	112I	...	...	...	...	...
...	+40°134	-16°297	-2	...	...	...	+47°304	-4°44I	-5	...	...	...	+55°298	-47°049	-I	e	...
...	40°238	-2°069	-5	...	...	...	47°520	+33°697	-5	...	...	e	55°310	-18°367	0·80	5I.3317	10·0
*	40°308	-12°436	I·00	5I.3305	9·8	...	47°865	-53°434	-5	...	...	...	55°319	+39°512	-5	...	...
...	40°350	-35°780	-5	...	...	*	47°923	+27°395	I·25	50.3453	9·0	...	55°435	-21°074	0·90	e	...
...	40°524	-23°170	-4	...	...	†	47°928	+24°761	-5	...	...	...	55°523	-55°425	-4	e	...
...	+40°70I	-22°247	-4	...	...	...	+48°016	-51°32I	-5	...	...	e †	+55°53I	-25°102	I·10	5I.3319	9·5
...	40°839	-9°287	0·85	5I.3306	10·0	*	48°368	+2°977	I·00	50.3455	9·8	e	55°85I	-7°34I	0·80	50.3468	10·0
...	41°037	-11°334	0·90	...	...	...	48°402	+19°362	0·65	...	...	...	55°853	-34°149	-I	e	...
...	41°053	+40°582	0·85	...	...	...	48°455	-6°988	-3	...	...	...	56°17I	+15°127	0·95	50.3467	10·0
...	41°243	+15°606	-5	...	...	...	48°522	+8°762	0·80	50.3456	10·0	...	56°229	+2°980	0·70	50.3469	10·0
101I	...	...	...	...	...	107I	...	...	...	...	...	113I	...	...	...	...	...
...	+41°366	-42°369	-2	...	...	...	+48°555	+57°860	-4	...	...	e *	+56°48I	-28°726	0·80	5I.3320	9·8
...	41°503	+27°07I	-3	...	...	*	48°715	-2°044	I·90	50.3458	8·7	...	57°104	+45°785	-4	...	...
...	41°555	-18°752	0·70	...	...	...	48°974	+40°989	-I	50.3454	10·0	...	57°213	-59°469	-5	...	...
...	41°558	+11°69I	-5	...	...	*	49°056	+33°873	I·00	50.3457	10·0	...	57°242	+51°690	-5	...	...
...	41°656	+10°722	-5	...	...	...	49°103	-37°400	-2	...	...	...	57°270	+38°89I	-4	e	...
...	+41°667	+55°069	-5	...	...	...	+49°21I	+34°215	-5	...	...	...	+57°436	+55°698	-3	49.3479	10·0
...	41°904	-32°573	-2	...	...	...	49°30I	+10°723	0·65	...	...	...	57°462	+39°093	-3	...	...
*	41°993	-35°70I	I·00	5I.3307	9·8	...	49°38I	-20°974	-2	...	...	...	57°478	+6°183	-5	...	...
...	42°349	-53°896	-3	...	...	...	49°47I	+25°546	-5	...	...	...	57°703	+25°51I	-2	...	...
...	42°368	-10°018	-3	...	...	S †	49°903	+50°919	I·40	50.3459	8·8	...	57°932	+2°592	-4	...	...
102I	...	...	...	...	...	108I	...	...	...	...	...	114I	...	...	...	...	...
...	+42°675	-33°572	-5	...	...	...	+50°11I	-4°647	-3	...	...	...	+58°035	+36°782	-I	...	...
...	42°687	-45°554	-2	5I.3308	10·0	...	50°190	-51°40I	-5	...	...	e *	58°039	-5°306	I·00	50.3470	9·8
...	42°810	+19°296	-5	m	...	...	50°345	-1°474	-I	...	...	e *	58°222	-33°418	I·60	5I.3321	8·9
...	42°960	-56°215	-5	...	...	...	50°356	-10°685	0·70	...	...	...	58°357	-59°319	-5	...	...
...	43°097	-23°357	-4	...	...	...	50°393	-13°597	-5	...	...	...	58°529	+18°910	-4	...	...
*	+43°160	+43°319	I·05	50.3446	9·4	...	+50°435	+43°518	-4	a	...	...	+58°644	+44°188	-I	...	...
...	43°303	-13°125	0·70	...	...	...	50°582	-23°746	-5	...	...	...	58°73I	-37°912	-4	e	...
...	43°346	+3°822	-5	m	...	*	50°847	-11°938	I·10	5I.3314	9·4	...	58°836	+32°566	-3	...	...
...	43°463	-12°252	-3	...	...	...	50°878	-28°779	0·65	...	...	...	58°978	+23°328	-3	...	...
*	43°483	+19°19I	0·95	50.3447	9·8	e *	51°095	-56°397	I·20	5I.3315	9·5	...	59°005	+34°272	-3	...	...
103I	...	...	...	...	...	109I	...	...	...	...	...	115I	...	...	...	...	...
...	+43°495	-44°014	-5	...	...	...	+51°106	-14°193	-5	...	...	...	+59°010	+38°154	-3	...	...
...	43°59I	+18°949	-3	...	...	...	51°249	-21°67I	-5	...	...	...	59°099	+14°627	-2	...	...
...	43°672	-49°444	-2	...	...	...	51°745	+22°997	-4	...	...	*	59°100	+14°490	I·05	50.347I	9·4
...	43°709	+59°49I	-3	...	...	...	51°757	-23°403	-3	...	...	...	59°288	+37°377	-5	b	...
...	43°87I	+35°190	0·65	...	...	...	51°998	+44°406	-5	c	...	*	59°48I	+20°842	I·00	50.3472	9·6
...	+44°27I	+52°122	-4	...	...	*	+52°02I	+17°418	I·25	50.3460	9·4	...	+59°683	+12°509	-5	...	...
...	44°290	-13°609	0·70	...	...	...	52°080	+35°423	0·65	...	...	...	...	...	...	...	...
...	44°577	-57°153	-5	...	...	...	52°324	-53°377	-4	...	...	...	...	...	...	...	...
...	45°086	-40°559	-5	...	...	...	52°428	+21°642	-5	m	...	...	...	...	...	...	...
*	45°200	-37°306	I·00	5I.3309	9·6	...	52°50I	+7°62I	-2	...	...	...	...	...	...	...	...
104I	...	...	...	...	...	110I	...	...	...	...	...	...	...	...	...	...	...
S *	+45°26I	+5°684	2·10	50.3448	8·2	*	+52°633	-7°908	I·00	50.3462	9·6	...	...	...	...	...	...
*	45°516	+21°544	I·00	50.3449	9·8	...	52°765	-28°815	0·65	e	...	...	...	...	...	...	...
...	45°713	-8°166	0·80	...	...	...	52°893	+15°40I	-5	m	...	...	...	...	...	...	...
...	45°948	+25°472	-3	...	...	e	52°989	-57°713	-3	5I.3316	10·0	...	...	...	...	...	...
...	46°01I	-1°437	0·80	50.345I	10·0	*	53°227	+26°614	I·00	50.346I	9·8	...	...	...	...	...	...
...	+46°072	+19°282	-5	...	...	e *	+53°279	-5°334	I·40	50.3464	9·0	...	...	...	...	...	...
*	46°080	+30°718	I·35	50.3450	9·2	...	53°405	+5°560	-4	b	...	...	...	...	...	...	...
...	46°122	-58°00I	-5	...	...	...	53°426	-34°364	-5	...	...	...	...	...	...	...	...
...	46°21I	+42°127	-I	...	...	...	53°475	-3°686	-4	...	...	...	...	...	...	...	...
...	46°229	-39°405	-5	...	...	...	53°523	-15°729	-4	e	...	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
E	-59°07	-56°568	1°00	51.3315	9.5	61	-49°643	-50°557	2°00	51.3329	8.9	121	-40°912	-51°231	-4	...	...
E *	59°807	-5°467	1°30	50.3464	9.0	...	49°425	+41°223	-2	50.3477	10.0	...	40°742	-54°257	1°00	51.3340	9.8
...	59°356	-28°944	-2	E	...	...	49°293	+47°008	0°90	...	...	...	40°644	-5°414	-1	50.3490	10.0
...	59°151	-15°843	-5	E	...	...	49°121	-5°779	-5	...	...	...	40°115	-34°409	1°00	51.3341	9.5
E *	59°122	-7°646	1°20	50.3465	9.2	...	49°109	+42°542	-1	50.3479	10.0	...	39°991	-15°460	-3	...	...
...	-58°877	+13°506	1°10	50.3466	9.3	...	-49°095	-21°724	-5	...	...	S *	-39°956	-18°321	2°05	51.3342	8.4
...	58°764	-3°322	-5	E	...	...	48°958	+25°164	0°75	50.3478	10.0	...	39°920	-27°772	-5	...	...
...	58°468	-1°869	-5	E	...	...	48°859	+32°889	-1	50.3480	10.0	...	39°777	+43°225	-2	...	...
...	58°139	+55°685	-5	49.3479	10.0	...	48°814	-33°509	-1	51.3331	10.0	...	39°729	+18°100	0°90	50.3492	9.8
E	57°973	-57°812	-4	51.3316	10.0	...	48°760	-26°350	-4	...	...	...	39°563	+22°775	0°75	...	...
II	...	...	...	...	...	71	...	...	...	...	...	I31	...	...	...	...	...
...	-57°763	-16°505	-5	E	...	...	-48°398	+55°984	-5	...	...	...	-39°490	+44°964	-4	...	...
...	57°757	+15°095	0°85	50.3467	10.0	...	48°094	+57°655	-4	49.3496	10.0	...	39°284	-44°184	-5	...	...
...	57°623	+38°868	-5	E	...	...	47°903	+34°243	-2	...	...	...	38°958	-33°847	0°90	51.3343	9.8
...	57°428	+39°088	-4	...	...	*	47°747	-53°079	2°20	51.3332	8.8	...	38°914	-13°223	-4	...	...
E	57°252	-18°409	-1	51.3317	10.0	...	47°714	-20°523	-2	...	...	*	38°826	+11°598	0°95	50.3493	9.8
...	-57°203	+2°957	0°70	50.3469	10.0	...	-47°665	-16°263	-2	...	...	...	-38°521	+9°179	-5	A	...
E	57°168	-7°382	0°75	50.3468	10.0	*	47°443	+51°174	1°20	50.3482	9.4	...	38°382	-10°457	0°90	51.3344	10.0
...	57°011	-21°113	0°85	E	...	...	47°429	-1°288	-4	...	...	...	38°238	+3°442	-4	...	...
E †	56°766	-25°134	0°95	51.3319	9.5	...	47°429	-32°910	-2	...	...	...	38°181	-57°139	-5	p	...
...	56°765	+36°799	-2	...	...	+	47°427	+4°883	0°95	50.3481	9.6	...	38°083	-10°241	0°70	...	...
21	...	...	...	...	...	81	...	...	...	...	...	I41	...	...	...	...	...
...	-56°649	+25°539	-3	...	...	...	-47°154	+12°134	-4	A	...	...	-37°639	-52°469	1°00	51.3345	9.8
...	56°475	+44°232	-3	...	...	...	47°150	+23°912	-4	...	...	...	37°579	-8°339	-5	...	...
...	56°086	-47°060	-4	E	...	...	46°870	+39°072	0°90	50.3484	9.8	...	37°538	-44°127	0°90	51.3346	10.0
...	56°056	-34°154	-2	E	...	*	46°716	+17°199	1°00	50.3483	9.7	...	37°527	-25°655	-5	...	...
...	55°864	+38°225	-3	...	...	...	46°702	-11°654	-4	...	...	...	37°517	-2°271	0°85	50.3494	10.0
...	-55°799	+32°628	-5	...	...	...	-46°432	+11°925	-3	...	...	...	-37°507	+51°445	1°05	50.3495	9.8
...	55°705	+34°337	-4	...	...	...	46°248	-22°960	-4	...	...	...	37°211	+39°836	-3	...	...
E	55°664	-28°710	0°95	51.3320	9.8	...	45°754	-30°916	-1	51.3333	10.0	*	36°709	+57°776	1°30	49.3506	9.5
...	55°515	-55°422	-5	E	...	...	45°529	-58°396	-5	p	...	...	36°664	-22°044	0°70	51.3348	10.0
...	55°294	+23°393	-3	...	...	...	45°502	-36°101	-4	...	...	...	36°374	-13°205	-3	...	...
31	...	...	...	...	...	91	...	...	...	...	...	I51	...	...	...	...	...
E †	-55°054	-5°252	0°90	50.3470	9.8	...	-45°240	-9°566	-4	...	...	*	-35°717	-50°676	1°10	51.3350	9.5
...	54°821	+14°707	-3	...	...	+	45°153	+56°134	2°00	49.3499	8.9	...	35°493	+22°381	-5	A	...
...	54°805	+14°578	1°00	50.3471	9.4	†	45°141	+28°015	-4	50.3485	10.0	...	35°330	-11°992	-5	...	...
...	54°686	+32°212	0°80	50.3473	10.0	...	45°014	-4°007	-2	...	...	...	35°313	-14°939	-3	...	...
*	54°681	+20°949	1°00	50.3472	9.6	...	44°908	+51°626	-1	50.3486	9.8	†	35°124	-58°352	-5	...	...
...	-53°781	+18°407	-2	...	...	...	-44°788	-2°801	-4	...	...	...	-35°117	-17°291	-4	...	...
E *	53°725	-33°326	1°60	51.3321	8.9	...	44°598	-4°416	-3	...	...	S *	35°054	-53°075	1°45	51.3351	8.9
...	53°397	-0°276	0°80	...	...	...	43°851	-33°397	0°70	51.3334	10.0	...	34°969	+54°371	-5	...	...
...	53°317	+28°726	-3	...	...	...	43°762	-11°507	-4	...	...	...	34°650	+48°892	-5	...	...
...	53°133	-2°949	-2	...	...	...	43°676	-21°527	-3	...	...	...	34°511	+10°671	-3	...	...
41	...	...	...	...	...	101	...	...	...	...	...	I61	...	...	...	...	...
...	-53°092	+3°561	-2	...	...	*	-43°655	-29°767	1°50	51.3335	9.4	...	-34°473	+19°109	-4	...	...
...	53°031	-37°794	-4	E	...	...	43°180	-17°218	-3	...	...	...	34°403	+38°783	-2	...	...
*	52°877	-12°109	1°20	51.3323	9.0	...	43°001	-51°621	-2	51.3336	10.0	*	34°215	+32°314	1°00	50.3496	9.4
...	52°821	-0°851	-3	...	...	...	42°719	+1°943	0°90	50.3487	9.8	...	33°989	+51°506	0°65	50.3498	10.0
...	52°707	-10°378	0°70	51.3324	10.0	*	42°654	+15°584	1°20	50.3488	9.4	...	33°862	-19°499	-3	...	...
...	-52°599	-21°243	0°70	...	...	...	-42°340	-9°880	-1	51.3339	10.0	*	-33°815	+20°314	1°00	50.3497	9.4
*	52°531	+8°763	2°00	50.3474	8.6	...	42°251	-9°748	0°65	...	...	...	33°791	-21°051	0°70	...	...
S *	52°426	+25°849	2°75	50.3475	8.2	...	42°249	-26°157	-1	...	...	...	33°549	+42°867	-2	50.3499	10.0
...	52°261	+54°424	-5	...	...	...	42°247	-39°003	-5	...	...	*	33°525	+31°630	1°05	50.3500	9.3
...	52°048	+43°430	-5	...	...	...	42°096	-33°174	0°70	51.3337	10.0	*	33°240	-39°539	1°00	51.3352	9.5
51	...	...	...	...	...	III	...	...	...	...	...	I71	...	...	...	...	...
...	-51°962	-18°554	-5	...	...	*	-41°925	+58°821	1°30	49.3502	9.3	...	-33°211	+40°257	-4	...	...
...	51°743	+6°075	-3	...	...	...	41°914	+9°160	-1	...	...	...	33°116	+53°150	-5	...	...
*	51°022	+20°239	1°00	50.3476	9.7	...	41°814	-46°956	0°90	51.3338	10.0	...	32°891	+12°751	-4	...	...
...	50°963	-32°357	0°80	51.3325	10.0	...	41°792	-0°480	-3	...	...	...	32°814	-58°300	-2	51.3353	10.0
...	50°861	+47°258	-5	...	...	*	41°446	+9°144	1°00	50.3489	9.5	...	32°512	-11°854	0°70	...	...
...	-50°670	+7°809	-4	...	...	...	-41°365	-51°047	-4	...	...	...	-32°453	+18°735	-5	...	...
...	50°608	-39°100	5	...	...	...	41°305	+44°047	0°85	50.3491	9.8	...	32°403	+2°151	0°85	50.3501	9.8
*	50°594	-39°600	1°20	51.3326	9.4	...	41°285	-12°353	0°80	...	...	...	32°269	+49°122	-5	...	...
*	50°562	-16°929	1°20	51.3328	9.0	...	41°049	+32°268	-5	...	...	...	32°052	-42°345	-5	...	...
*	49°705	-19°356	1°10	51.3330	9.5	...	40°970	+15°074	-1	...	...	...	31°846	-19°968	-2	...	...

L measured from I, 124.
MC " " 60.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.
181-240					
181	-31°844	+7°024	-3	...	...
*	31°542	+26°301	1°00	50.3502	8.9
...	31°266	+15°875	0°80	50.3503	10.0
...	31°131	+30°962	-5	...	...
*	31°116	+55°244	1°05	49.3517	9.4
...	-31°041	-36°237	-3	...	...
...	30°739	+55°068	-5	...	...
*	30°340	-19°595	1°00	51.3354	9.8
...	30°315	+31°395	-3	...	...
...	30°315	-20°690	0°70	...	...
191	-29°989	-44°477	-3	...	...
*	29°905	-39°399	1°10	51.3355	9.0
...	29°750	-2°203	0°85	50.3504	9.8
...	29°465	+23°710	0°90	50.3505	9.8
...	29°268	+25°143	-2	...	...
...	-29°257	+48°128	-2	50.3506	10.0
*	29°129	+42°501	1°10	50.3507	9.2
...	28°789	-36°882	-3	...	...
...	28°719	-53°152	-5	...	...
...	28°314	+21°953	-4	...	...
201	-28°263	-40°511	-3	...	...
...	28°201	-22°170	0°75	...	...
*	27°825	+22°034	1°20	50.3509	9.2
*	27°780	+16°997	0°95	50.3508	9.6
...	27°704	-11°879	-5	...	...
...	-27°520	+48°376	0°90	50.3511	10.0
...	27°373	-5°353	-1	...	...
...	27°290	+11°252	0°75	50.3510	10.0
...	27°245	+32°410	-5	...	...
...	26°956	-19°642	-5	...	...
211	-26°818	+10°074	0°85	50.3512	10.0
...	26°809	-7°994	-3	...	...
...	26°604	-26°852	0°90	51.3357	9.8
*	26°532	+25°674	0°90	50.3513	9.8
...	26°435	-11°818	-5	...	...
...	-26°352	+3°168	-5	...	...
...	26°232	+42°724	1°05	50.3514	9.5
...	26°166	-40°998	0°65	...	...
*	25°918	-22°149	1°10	51.3358	9.5
...	25°671	+40°068	0°75	50.3515	10.0
221	-25°633	-22°244	0°90	51.3360	10.0
...	25°542	+15°872	-5	...	...
...	25°520	+11°418	0°70	...	...
...	25°014	+15°873	-5	...	...
...	24°410	-25°751	-4	...	...
...	-24°270	+38°036	-3	...	...
...	24°213	-38°786	0°90	51.3361	10.0
*	24°184	-5°336	1°80	50.3516	8.6
...	24°064	-57°633	-5	...	...
...	23°928	+4°954	0°70	...	...
231	-23°773	+45°483	0°95	50.3517	9.8
...	23°765	-47°502	0°95	51.3362	9.8
...	23°725	-45°146	0°80	51.3363	10.0
...	23°357	-48°537	0°75	51.3364	10.0
...	23°330	-27°917	0°70	...	...
*	-23°314	-20°646	0°95	51.3365	9.6
*	23°148	+57°526	1°20	49.3530	9.4
...	23°016	-52°411	-3	51.3366	10.0
...	22°183	-20°720	-5	...	...
...	22°102	+22°780	-3	...	...
241-300					
241	-21°824	-35°142	-5	...	...
...	21°786	+16°479	-5	...	...
...	21°732	-3°097	0°80	...	...
...	21°597	+6°050	-1	...	...
...	21°409	-55°720	1°00	51.3368	9.8
...	-21°295	-0°913	0°70	...	...
...	20°911	+15°483	-5	...	...
...	20°690	-40°459	-5	...	...
...	20°376	+11°109	-3	...	...
*	20°354	-29°423	1°05	51.3369	9.4
251	-20°335	-36°248	-5	...	...
...	20°311	-53°880	-5	...	...
...	20°115	-43°124	3°20	51.3370	7.5
...	20°097	+34°046	-5	...	...
...	19°971	+10°497	-5	B	...
...	-19°936	+29°789	-1	...	...
...	19°920	+11°818	-5	B	...
...	19°472	-16°833	0°80	...	...
...	19°391	+43°877	0°90	50.3518	9.8
*	19°308	+44°977	1°00	50.3519	9.5
261	-19°190	-29°486	0°90	51.3373	10.0
...	19°182	-22°489	-2	...	...
...	19°164	+21°079	-5	...	...
...	19°138	-49°531	0°80	51.3372	10.0
...	18°614	+6°246	-5	...	...
...	-18°296	-2°510	0°75	...	...
...	18°278	+34°559	-5	...	...
...	17°958	-33°566	0°70	...	...
...	17°918	+54°453	-5	...	...
...	17°703	-17°250	-2	...	...
271	-17°507	-33°418	-5	...	...
...	17°479	-3°423	-2	...	...
...	17°426	-39°039	-5	...	...
...	17°399	+7°150	-2	...	...
...	17°343	+17°941	-5	M	...
...	-17°052	+55°638	0°80	49.3537	10.0
...	16°636	-15°632	-2	...	...
...	16°511	-29°448	-2	...	...
S *	16°460	+52°805	1°35	49.3538	9.0
...	16°449	-44°470	0°70	...	...
281	-16°304	+50°408	-2	...	...
...	16°299	-8°015	0°70	...	...
...	15°955	+15°283	0°65	...	...
...	15°722	+43°237	-3	...	...
...	15°611	-1°681	-5	...	...
...	-15°429	-31°512	-5	...	...
*	14°992	+2°371	0°85	50.3520	10.0
...	14°964	+47°096	-5	...	...
...	14°891	+54°401	0°90	49.3541	10.0
...	14°714	-55°321	-5	...	...
291	-14°590	-35°544	-3	...	...
...	14°575	-26°890	-3	...	...
...	14°479	+36°590	0°75	...	...
...	14°168	-53°735	-5	...	...
...	14°140	+56°107	-1	49.3543	9.8
...	-14°054	-44°981	-5	...	...
...	13°827	-31°987	0°80	51.3375	9.8
...	13°769	+38°736	0°70	50.3521	10.0
...	13°707	+55°094	-1	49.3544	10.0
*	13°311	-41°725	1°00	51.3376	9.4
301-360					
301	-13°152	+13°253	0°95	50.3522	9.4
S *	13°058	+44°015	0°70	...	...
...	12°708	-17°146	0°70	51.3377	10.0
...	12°540	-39°819	-2	...	...
*	12°524	-21°415	1°00	51.3378	9.5
...	-12°474	+42°889	0°70	...	...
*	12°448	-46°802	1°00	51.3379	9.4
...	12°431	+20°149	-4	B	...
...	12°341	-47°996	0°90	51.3380	10.0
...	12°120	-53°268	-4	...	...
311	-12°109	-30°789	2°05	51.3381	8.5
S *	11°729	+3°632	0°90	50.3523	9.7
*	11°586	+40°431	-2	...	...
...	11°564	-7°861	0°75	51.3382	10.0
...	11°551	+47°888	0°70	50.3524	10.0
...	-11°476	-17°865	-4	...	...
...	11°474	+36°686	-3	...	...
...	11°420	-38°512	-5	...	...
...	11°358	-13°967	-5	...	...
...	11°254	-22°559	0°90	51.3383	9.6
321	-11°065	+37°509	-4	...	...
...	11°006	-25°645	-5	...	...
...	10°961	+15°402	0°70	50.3525	10.0
...	10°919	-49°208	0°80	51.3384	10.0
...	10°609	-16°306	-5	...	...
...	-10°586	+32°209	-3	...	...
...	10°575	-42°250	-4	...	...
...	10°518	-17°434	-5	...	...
...	10°513	+19°845	0°95	50.3526	9.8
...	10°342	+18°716	-5	...	...
331	-10°330	+32°603	0°80	50.3527	9.8
...	10°287	-26°304	-5	...	...
...	10°146	-38°439	-4	...	...
...	10°116	+27°647	-5	...	...
*	9°932	-31°271	1°00	51.3386	9.5
...	-9°897	-35°098	0°65	51.3387	10.0
...	9°881	+50°804	-3	...	...
...	9°839	-39°721	-5	...	...
...	9°819	+22°201	-5	...	...
*	9°720	+28°387	1°00	50.3529	9.4
341	-9°692	+2°456	-5	M	...
...	9°692	-1°057	1°80	50.3528	8.7
*	9°511	+8°777	-5	M	...
...	9°139	-32°882	-4	...	...
...	9°068	-21°035	-5	...	...
...	-8°984	-45°493	0°70	...	...
...	8°802	+30°425	-5	...	...
...	8°384	-51°644	0°95	51.3388	10.0
...	8°308	-27°237	0°70	51.3389	10.0
...	7°971	+42°554	-3	...	...
351	-7°763	-54°062	-4	...	...
...	7°391	+0°905	-5	M	...
...	7°298	-53°095	-5	...	...
...	7°093	-39°743	-4	...	...
...	7°071	-55°672	-1	...	...
...	-6°729	+9°215	0°90	50.3530	9.7
...	6°649	-34°752	0°70	...	...
...	6°510	+35°723	-5	B	...
...	6°484	+13°061	0°70	50.3531	10.0
...	6°477	+41°834	0°90	50.3532	10.0

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
361-420						421-480						481-540					
36I	-6.367	-1.208	-3	...	...	42I	+2.544	-24.633	-3	...	...	48I	+9.399	-31.819	0.75	51.3412	10.0
...	5.944	-30.267	0.70	51.3390	10.0	...	2.793	+38.801	-5	b	...	...	9.573	+4.697	0.80	...	...
...	5.776	-59.331	-5	...	...	...	2.919	-35.289	-4	...	...	...	9.780	-51.106	-5	...	...
...	5.629	+25.673	-4	...	...	...	3.116	-8.442	-5	...	...	...	9.815	+28.366	-3	...	...
†	5.244	+7.069	-2	...	...	*	3.117	+46.385	1.00	50.3549	9.5	...	9.835	-19.655	0.85	51.3414	10.0
...	-5.094	-28.051	-2	51.3391	10.0	*	+3.161	-30.916	0.90	51.3402	9.8	...	+9.852	-27.762	0.70	...	...
...	4.980	+26.680	-3	...	...	*	3.487	-11.261	2.00	51.3403	8.8	*	10.230	-25.358	1.40	51.3415	8.9
...	4.924	-25.675	-4	...	...	*	3.493	-4.226	1.00	50.3550	9.6	...	10.280	+22.407	-3	...	...
*	4.678	-38.400	1.00	51.3392	9.6	a	3.579	+0.396	0.65	50.3551	9.8	...	10.296	-24.866	0.70	...	...
...	4.639	+23.991	0.70	...	...	...	3.657	-54.056	-2	...	...	*	10.298	-37.488	1.00	51.3416	9.5
37I	-4.571	-14.990	-5	...	...	43I	+3.716	-49.732	-5	...	...	49I	+10.630	+42.990	1.20	50.3559	9.3
...	4.497	-24.159	-3	...	...	...	3.755	+0.292	-2	β	...	...	10.689	+32.403	-5	...	...
...	4.161	-44.683	-3	...	...	...	3.830	-56.814	-5	...	...	...	10.860	-20.400	-4	...	...
...	3.390	-46.858	0.85	51.3393	10.0	...	3.904	-4.280	-2	...	...	...	11.333	+41.924	0.90	50.3560	9.8
...	3.297	+12.940	0.70	...	...	...	4.052	-31.755	-5	...	...	...	11.450	-45.248	-3	...	...
...	-3.022	-17.854	-3	...	...	...	+4.197	+23.566	0.90	50.3552	10.0	...	+11.531	+39.388	0.85	50.3561	10.0
...	2.816	-50.737	-2	...	...	...	4.333	+20.848	-3	...	...	*	11.535	-24.439	1.10	51.3417	9.2
...	2.784	+31.107	0.70	50.3533	10.0	...	4.359	-51.480	-5	...	...	...	11.679	-53.285	0.90	51.3418	10.0
*	2.679	-47.546	1.50	51.3394	8.8	...	4.401	-47.695	-5	...	...	...	11.684	+10.732	0.70	...	...
...	2.541	-31.054	0.70	51.3395	10.0	...	4.818	+20.631	-2	...	...	...	11.855	-36.643	0.80	51.3419	9.8
38I	-2.352	+25.159	1.10	50.3534	9.0	44I	+5.033	-51.625	-5	...	...	50I	+11.984	-40.768	0.80	51.3420	10.0
...	2.295	+2.365	0.80	50.3535	10.0	...	5.160	-21.745	-3	...	...	...	12.050	-7.099	0.70	50.3562	10.0
...	2.203	+25.217	-4	Bm	...	...	5.345	-32.027	-3	...	...	...	12.070	-27.148	0.75	...	...
*	2.154	+25.674	1.40	50.3536	9.0	...	5.525	-6.428	-4	...	...	...	12.228	+25.240	-4	...	...
...	1.925	+26.517	-5	...	...	...	5.700	-34.298	0.65	...	...	...	12.367	-2.468	-5	...	...
...	-1.758	-2.142	0.70	50.3537	10.0	...	+6.085	+13.684	-5	m	...	...	+12.398	+14.230	0.70	50.3563	10.0
...	1.637	+4.658	-3	m	...	...	6.397	+31.981	-5	...	...	...	12.545	-53.653	-5	...	...
...	1.498	-11.617	-3	...	...	...	6.568	-21.066	0.75	51.3405	10.0	†	12.626	-25.031	1.05	51.3422	9.2
*	1.470	+21.938	1.00	50.3538	9.4	...	6.717	+25.733	0.80	50.3553	10.0	...	12.815	-43.112	-5	...	...
...	1.432	-46.565	-5	...	...	...	6.858	+38.318	-4	...	...	†	12.821	+59.624	1.50	49.3582	9.2
39I	-1.134	-38.813	0.80	51.3396	10.0	45I	+7.041	+30.856	-5	...	...	51I	+12.957	-33.461	0.90	51.3423	9.8
...	1.006	-31.801	0.70	...	...	...	7.057	+2.233	0.70	50.3554	10.0	...	13.241	+51.067	-1	50.3564	10.0
...	0.813	+19.312	0.75	50.3539	10.0	...	7.162	-13.898	-5	...	...	...	13.316	-32.465	-2	...	...
*	0.556	+25.031	0.95	50.3540	9.5	...	7.424	-41.881	-3	...	...	*	13.399	-28.127	1.50	51.3424	8.8
...	0.499	+13.622	-4	m	...	...	7.439	-43.316	-5	...	...	...	13.517	+11.878	-5	m	...
†	-0.186	+5.709	0.80	50.3541	9.8	...	+7.756	+4.919	-5	m	...	...	+13.527	+2.268	0.80	50.3565	10.0
*	0.078	-27.585	0.90	51.3397	9.5	...	7.776	+19.966	-5	m	...	...	13.556	-24.514	-4	...	...
*	-0.019	-19.560	1.00	51.3398	9.4	...	7.890	-43.461	-5	...	...	*	13.742	-32.307	2.00	51.3425	8.6
...	+0.098	-8.612	-5	...	...	...	7.962	-51.641	-5	...	...	...	13.986	-54.112	-2	51.3426	10.0
...	0.110	+29.974	0.80	50.3542	10.0	...	7.988	+29.368	-2	...	...	...	13.986	+45.702	0.85	50.3566	9.8
40I	+0.217	-44.499	-5	...	...	46I	+8.017	-24.687	0.75	51.3406	10.0	52I	+14.626	-36.569	0.80	51.3427	9.8
...	0.313	+37.554	0.70	...	...	†	8.216	+54.740	0.95	49.3572	9.8	†	14.723	+14.039	-3	...	...
...	0.446	+27.570	0.85	50.3543	10.0	...	8.349	-42.937	-5	...	...	*	14.834	-10.278	1.20	51.3428	8.9
*	0.471	-39.920	1.10	51.3399	9.0	...	8.543	+28.944	0.70	50.3555	10.0	...	14.975	+5.290	0.75	...	...
*	0.603	+27.776	1.00	50.3544	9.7	*	8.688	-40.248	1.40	51.3408	8.8	...	15.235	+12.442	0.70	...	...
...	+0.703	-11.756	-5	...	...	...	+8.765	-38.862	-5	...	...	...	+15.500	+57.710	-4	...	...
*	0.875	-21.051	0.95	51.3400	9.5	*	8.849	-8.383	1.00	51.3407	9.4	...	15.800	+5.778	-2	...	...
...	0.903	-52.720	-5	...	...	...	8.963	+28.063	0.75	50.3557	10.0	...	15.873	+50.053	-3	...	...
...	0.925	+31.796	0.70	50.3545	10.0	*	8.974	-43.525	1.00	51.3409	9.7	...	15.881	+6.364	-3	b	...
*	1.076	-58.707	2.00	51.3401	8.6	...	9.062	+51.903	0.95	50.3556	9.8	...	15.917	-47.071	0.75	...	...
41I	+1.195	-27.221	-5	...	...	47I	+9.097	-13.466	0.75	51.3410	10.0	53I	+15.969	-23.836	0.90	51.3430	10.0
*	1.210	+18.666	1.00	50.3546	9.4	...	9.099	-57.597	-5	...	...	*	15.988	+40.626	1.00	50.3567	9.8
...	1.251	-42.631	-3	...	...	...	9.119	+31.666	0.75	...	...	...	16.221	-12.437	-4	...	...
...	1.271	-38.796	-5	...	...	...	9.163	-22.025	0.65	...	...	...	16.265	-4.771	-4	...	...
...	1.472	+22.167	-5	Mm	...	...	9.182	-50.288	-4	...	...	...	16.330	+15.102	0.70	50.3568	10.0
...	+1.486	+11.790	-2	m	...	...	+9.190	-43.051	-5	...	...	...	+16.419	+14.122	0.80	50.3569	9.8
†	1.526	+59.672	-5	...	...	...	9.294	-23.700	0.75	51.3411	10.0	S *	16.494	+5.311	1.90	50.3570	8.8
...	1.844	+32.558	0.80	50.3547	10.0	*	9.306	-3.985	1.10	50.3558	9.2	...	16.575	-57.579	-2	...	...
...	2.168	+26.286	0.70	50.3548	10.0	...	9.373	+23.001	-3	...	...	...	16.697	-50.187	-5	...	...
...	2.527	+18.917	-2	m	...	†	9.389	-30.105	0.85	51.3413	9.8	*	16.747	+36.650	0.90	50.3571	10.0

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
541-600						601-660						661-720					
54I	+17°015	-49°977	-5	...	...	60I	+25°115	+6°430	1°00	50.3580	9.4	66I	+34°984	+5°733	-2	...	...
...	17°358	-1°385	-5	...	...	...	25°460	+45°141	-5	...	...	...	35°232	+41°175	-2	...	...
...	17°688	-14°315	0°70	...	...	...	25°512	-44°730	0°90	51.3447	10°0	...	35°258	+14°624	-2	...	...
...	17°767	-58°347	-3	...	...	...	25°645	-10°257	-5	...	...	...	35°361	-4°739	-3	...	...
...	18°131	-14°897	0°65	...	...	...	25°857	+50°194	2°00	50.3581	9.2	...	35°486	+23°907	1°00	50.3595	9.4
...	+18°145	-45°743	0°90	...	...	...	+25°970	+14°953	-3	...	...	...	+35°537	+46°467	0°90	50.3593	10.0
a	18°440	+0°174	0°70	50.3572	10°0	†	25°985	-34°992	0°90	51.3448	10°0	...	35°565	+22°950	0°75	50.3597	10°0
...	18°482	+12°240	-5	m	...	...	26°413	-0°453	0°80	...	...	...	35°600	-24°539	-5	...	...
...	18°761	+8°561	0°80	50.3573	10°0	...	26°459	-48°365	1°00	51.3449	9.8	...	35°615	+39°290	0°80	50.3596	10°0
...	18°790	-20°465	-4	...	...	...	26°543	+17°622	0°85	50.3582	10°0	...	35°735	-14°127	0°80	51.3455	10°0
55I	+18°888	-21°260	2°00	51.3431	8.6	61I	+26°712	-48°657	-4	...	...	67I	+35°745	+8°416	-1	...	...
...	18°929	+31°706	0°80	50.3575	10°0	...	26°764	-15°831	-2	...	...	...	35°816	+10°695	0°80	50.3598	10°0
...	18°956	-17°860	0°75	...	...	...	26°842	-42°724	-5	...	...	...	36°097	+21°844	0°90	50.3600	9.8
...	18°969	+29°756	0°90	50.3574	10°0	...	26°884	-36°809	-4	...	...	...	36°150	-18°846	0°80	51.3457	10°0
...	19°040	-27°066	0°70	...	...	...	27°025	+36°871	0°80	50.3583	10°0	...	36°369	-28°131	-3	...	...
...	+19°186	-42°629	-2	...	...	...	+27°033	+56°057	1°40	49.3598	9.4	...	+36°539	+46°863	1°00	50.3599	9.6
...	19°294	-22°623	0°90	51.3432	9.7	S	27°165	+38°332	2°60	50.3584	8.2	†	36°587	+49°752	1°10	50.3601	9.4
...	19°633	+22°426	0°80	50.3577	10°0	...	27°224	-44°008	-5	...	...	...	36°625	-22°402	-5	...	...
...	19°652	+25°853	-1	50.3576	10°0	...	27°367	-15°924	-5	...	...	...	36°741	-36°299	0°80	51.3458	9.8
...	19°733	+45°325	-2	...	...	...	27°380	-5°316	-3	...	...	...	36°859	-40°435	0°80	51.3459	10°0
56I	+19°949	-41°277	0°80	51.3434	10°0	62I	+27°451	+45°876	1°15	50.3585	9.7	68I	+37°229	-19°323	-5	...	...
...	19°956	-19°221	0°80	51.3433	10°0	...	27°541	+49°645	1°60	50.3586	8.9	†	37°301	-15°114	0°70	51.3460	10°0
...	20°567	-31°511	-2	...	...	...	27°701	-23°575	0°70	...	...	...	37°309	+17°719	0°70	...	...
...	20°866	-45°538	0°95	51.3436	10°0	...	28°145	+6°498	-5	m	...	...	37°394	-41°663	-1	...	...
...	20°962	-41°055	0°75	...	...	...	28°248	+47°424	-5	...	...	...	37°516	+29°280	0°75	...	...
...	+20°980	-27°079	0°80	51.3435	9.8	...	+28°552	-14°186	0°75	...	...	...	+37°649	-42°823	1°05	51.3462	9.5
...	21°100	-46°413	0°85	51.3437	10°0	...	28°928	+13°321	0°95	50.3587	9.8	...	38°252	-32°391	-4	...	...
...	21°185	-53°799	-1	...	...	...	28°984	-28°428	1°00	51.3450	9.8	...	38°317	-16°226	-4	...	...
...	21°249	-18°657	0°75	...	...	...	29°060	+33°362	-4	...	...	...	38°340	-50°967	-4	...	...
...	21°355	-39°888	0°65	...	...	...	29°290	+55°410	-3	...	...	...	38°516	+25°315	-1	...	...
57I	+21°475	+37°770	0°80	50.3578	10°0	63I	+29°374	+34°658	0°95	50.3588	9.8	69I	+38°907	-43°747	-3	...	...
...	21°789	-51°606	-3	...	...	...	29°495	-35°443	0°80	51.3451	10°0	...	39°176	-50°367	-4	...	...
...	21°834	-17°381	0°80	51.3438	9.5	†	29°689	+10°067	0°85	50.3589	9.8	...	39°185	-14°536	-2	...	...
...	21°838	-56°467	-3	...	...	...	30°128	+29°967	0°70	...	...	...	39°677	-52°499	-5	...	...
...	21°950	+15°311	0°65	...	...	...	30°140	-15°191	1°05	51.3452	9°0	...	39°682	+28°867	0°95	50.3602	9.7
...	+21°994	-36°042	-5	...	...	...	+30°624	+31°011	0°70	...	...	...	+40°049	-58°449	1°20	51.3465	9.4
...	22°156	-57°757	-5	...	...	...	30°633	-17°641	1°30	51.3453	9°0	...	40°107	-43°068	-4	...	...
...	22°246	-42°736	-5	...	...	...	30°875	+32°664	0°90	50.3590	9.8	...	40°458	-6°557	-2	...	...
...	22°312	+6°576	1°00	50.3579	9.4	...	31°051	-38°389	-5	...	...	...	40°563	-26°458	0°90	51.3466	9.8
...	22°328	+31°562	0°80	...	...	...	31°220	+7°164	0°95	50.3591	9.7	...	40°983	+41°616	-3	...	...
58I	+22°416	-44°242	1°00	51.3439	9.6	64I	+31°314	+31°645	-3	...	...	70I	+41°058	-47°419	0°65	...	...
...	22°453	+52°585	1°70	49.3595	9°0	...	31°416	+31°897	-5	...	...	...	41°107	-30°240	-4	...	...
...	22°675	-36°936	0°95	51.3440	9.5	...	31°586	-12°643	-4	...	...	...	41°163	-46°250	0°85	...	...
...	22°699	-53°919	-5	...	...	...	31°819	-16°033	0°85	51.3454	10°0	...	41°217	-16°790	0°85	51.3467	10°0
...	22°831	-56°419	1°00	51.3441	10°0	...	31°990	+36°364	1°40	50.3592	9°0	...	42°000	-9°792	-2	...	...
...	+23°106	+59°582	-5	...	...	...	+32°002	-15°720	-5	...	...	...	+42°026	-49°633	0°80	51.3468	10°0
...	23°287	-35°164	1°50	51.3442	8.8	...	32°018	-16°931	-2	...	...	...	42°068	+23°577	0°90	50.3603	9.8
...	23°345	+29°506	0°75	...	...	...	32°812	-16°202	-2	...	...	...	42°083	-22°329	-5	...	...
...	23°400	+46°327	-3	...	...	...	32°887	-54°592	-1	...	...	...	42°383	-21°696	0°75	51.3469	10°0
...	23°429	-52°708	-3	...	...	...	33°004	+30°430	0°80	...	...	...	42°484	-14°012	0°70	...	...
59I	+23°444	-15°524	0°95	51.3443	10°0	65I	+33°370	-36°857	-5	...	...	71I	+42°655	-45°925	-4	...	...
...	23°533	-47°164	1°00	51.3445	9.7	...	33°443	-8°712	-2	...	...	...	42°802	+0°804	-5	b	...
...	23°887	-25°332	-5	...	...	...	33°522	-55°336	-2	...	...	...	43°224	-16°680	0°70	51.3470	10°0
...	23°931	-21°508	0°90	51.3446	9.8	...	33°813	+13°254	0°70	...	...	...	43°239	+38°674	-3	...	...
...	24°462	-6°720	0°70	...	...	...	34°086	-34°741	0°65	...	...	...	43°264	+19°818	-5	...	...
...	+24°567	-55°316	-2	...	...	...	+34°706	-16°193	0°75	...	...	...	+43°308	-6°368	0°70	...	...
...	24°694	-35°987	-5	...	...	...	34°853	-15°754	-5	...	...	...	43°328	-18°399	-3	...	...
...	24°701	+55°744	1°00	49.3596	10°0	...	34°878	+5°662	-5	b	...	...	43°357	-23°492	0°80	51.3471	10°0
...	24°767	-37°129	-4	...	...	...	34°954	-1°290	0°80	50.3594	10°0	...	43°727	+33°484	2°00	50.3604	8.6
...	24°802	-44°795	-5	...	...	...	34°975	-25°271	-5	...	...	...	43°797	+24°564	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α	γ		No.	Mag.		α	γ		No.	Mag.		α	γ		No.	Mag.
721-750						751-780						781-794					
72I	+43°938	-24°259	-2	...	...	75I	+49°362	+15°871	-5	...	...	78I	+55°646	-3°108	1°00	50.3624	9·6
...	43°947	-5°894	0·80	50.3605	10·0	†	49°620	+11°423	-2	...	...	e *	55°779	+27°701	-4	...	...
...	43°950	+19°508	0·70	...	...	n †	49°626	+45°045	-3	50.3612	9·8	e *	55°921	-24°280	1°00	51.3484	9·5
...	44°019	+25°136	-3	...	...	†	49°634	-31°974	0·70	...	...	...	56°502	+56°113	-5	...	...
...	44°147	-1°378	0·70	...	...	S †	49°650	+12°956	1°90	50.3613	8·6	...	56°645	-2°431	-5	e	...
...	+44°245	-33°352	-3	...	...	n †	+49°652	+44°792	-4	50.3612	9·8	...	+57°452	-0°986	-4	e	...
†	44°566	+23°703	-5	...	...	...	50°081	-55°248	-3	51.3479	10·0	...	58°222	-59°753	-4	e	...
...	44°766	-28°634	0·70	...	...	...	50°235	-15°747	-3	...	...	e *	58°271	-9°725	1°00	51.3487	9·8
*	44°874	-55°683	2·00	51.3474	8·8	...	50°323	-26°558	-4	...	...	e *	58°508	-41°374	1°30	51.3488	9·2
...	44°944	+27°898	0·80	50.3606	10·0	...	50°397	-49°441	-3	...	...	e *	58°570	-51°045	1°50	51.3489	9·3
73I	+45°279	-16°295	0·80	51.3473	10·0	76I	+50°508	+36°515	0·80	50.3614	10·0	79I	+58°577	-39°423	-4	e	...
...	45°619	-31°565	-2	...	...	*	50°627	+41°479	1°00	50.3615	9·8	...	58°914	-3°812	-2	e	...
*	46°001	+14°267	1°30	50.3608	8·9	...	51°501	-29°340	-5	...	...	...	59°163	-0°111	-4	f	...
...	46°008	+21°335	0·90	50.3607	10·0	...	51°734	-38°938	-1	e	...	...	59°323	-30°566	0·65	e	...
*	46°567	+59°137	1°60	49.3627	9·0	*	52°413	+7°466	1°20	50.3616	9·3	...					
...	+46°700	-32°578	-1	...	...	...	+52°439	-12°996	0·75	...	...	...					
...	46°714	-36°494	0·90	51.3475	10·0	e	52°533	-39°799	0·90	51.3480	10·0	...					
...	46°787	-42°466	0·80	51.3476	10·0	*	52°765	+23°802	1°80	50.3617	8·8	...					
...	46°826	-2°915	-3	...	...	...	53°678	+45°581	-1	50.3618	9·8	...					
...	47°157	-49°949	-5	...	...	e	53°725	-56°691	0·95	51.3481	10·0	...					
74I	+47°947	+20°137	-5	...	...	77I	+53°804	+12°539	-5	e	...	...					
...	48°105	-0°414	0·70	...	...	*	54°043	+27°102	1°80	50.3620	8·8	...					
...	48°314	+35°222	-3	...	...	...	54°057	-53°040	-3	e	...	...					
...	48°375	+12°916	-5	d	...	...	54°218	+36°803	0·70	50.3619	10·0	...					
...	48°474	+17°392	0·80	50.3610	10·0	Se *	54°300	-46°287	3°70	51.3482	7·7	...					
...	+48°717	-48°792	-5	p	...	†	+54°518	+18°412	1°00	50.3623	9·5	...					
...	48°746	-59°626	-5	...	...	†	54°537	+50°476	1°50	50.3621	9·0	...					
...	48°793	+36°183	0·65	50.3609	10·0	...	54°838	+43°366	0·95	50.3622	9·8	...					
...	48°803	+10°701	0·80	50.3611	10·0	e	54°973	-44°527	0·85	51.3483	10·0	...					
...	48°906	-18°564	-2	...	...	...	55°389	+22°848	-4	...	...	...					

753, 756. C.P.D., suspected double.

1-20						21-40						41-60					
I	-60°010	+12°402	-5	E	...	2I	-56°147	-7°678	-5	...	...	4I	-52°903	+47°505	-5	A	...
†	59°983	-39°120	0·65	E	...	...	55°799	-0°972	-4	E	...	...	52°738	-30°441	0·70	E	...
...	59°590	-29°402	-5	p	...	...	55°680	-4°442	-5	...	...	E *	52°651	-50°935	1°35	51.3489	9·3
*	59°527	+18°297	1°05	50.3623	9·5	...	55°547	-25°510	-5	...	...	...	52°640	-59°645	-4	E	...
...	59°284	+8°575	-5	M	...	...	55°235	+30°291	-5	...	...	...	52°328	+21°154	-5	...	...
E †	-59°142	-39°954	0·70	51.3480	10·0	E *	54°642	-9°657	1°00	51.3487	9·8	...	-52°086	-49°958	-5	...	...
...	59°086	+18°511	-4	...	...	*	54°550	+36°644	1°20	50.3625	9·3	...	51°853	-38°096	-4	...	...
...	59°082	+56°047	-4	...	...	*	54°417	+41°440	1°00	50.3626	9·8	*	51°465	-3°580	1°00	50.3628	9·6
...	58°850	+22°767	-3	...	...	...	54°239	-3°721	0·70	E	...	*	51°459	-37°881	0·90	51.3490	9·8
...	58°769	+43°822	-5	...	...	...					...	...	51°162	+3°289	0·90	50.3629	9·8
II	-58°660	+27°632	-3	...	...	3I	-54°148	-0°026	-4	F	...	5I	-51°059	+21°154	1°00	50.3630	9·8
...	58°463	+33°917	-4	...	...	†	54°028	-22°803	-5	...	...	...	50°994	+31°233	-3	...	...
E *	57°535	-3°157	1°05	50.3624	9·6	...	53°952	-37°029	-5	p	...	...	50°927	-40°974	-5	...	...
...	57°513	+21°318	-5	...	...	...	53°891	+28°874	-2	...	...	†	50°891	+24°940	-2	...	...
E	57°267	-56°761	0·90	51.3481	10·0	...	53°860	+56°942	-1	49.3644	10·0	*	50°788	-50°597	1°00	51.3491	9·2
SE*	-57°090	-53°108	-4	E	...	...	-53°430	-3°324	-4	...	...	...	-50°626	+50°895	-3	...	...
...	57°084	-46°342	3°50	51.3482	7·7	...	53°122	-39°327	-3	E	...	...	50°512	+26°820	-4	...	...
...	56°558	-2°435	-4	E	...	E *	53°109	-41°271	1°25	51.3488	9·2	...	50°253	+43°683	0·90	50.3631	9·8
E	56°504	-44°570	0·75	51.3483	10·0	*	53°064	+31°366	1°40	50.3627	9·0	...	50°179	-30°505	-2	...	...
E *	56°382	-24°293	1°10	51.3484	9·5	...	52°904	-10°964	0·70	...	...	†	50°081	-14°647	-4	...	...

C measured from 1, 135, 297, 457, 631, 789.

T " " 60, 210, 382, 543, 702, 862.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
61-120						121-180						181-240					
6I	-49.810	-17.419	1.30	51.3494	9.0	12I	-42.740	-25.119	-1	51.3506	10.0	18I	-33.983	-1.005	-2	...	...
...	49.754	+11.720	-3	...	...	...	42.511	-38.693	-5	...	...	...	33.669	+4.824	-4	B	...
...	49.732	+17.272	-4	...	...	...	42.211	-7.661	-3	...	...	...	33.510	+1.228	-5	B	...
...	49.718	-45.322	-2	51.3493	10.0	...	42.101	+31.264	-2	...	...	*	33.400	+7.947	1.05	50.3651	9.6
*	49.577	-57.687	1.05	51.3492	9.4	...	41.984	-53.570	-5	p	...	...	33.227	-37.335	0.65	...	...
...	-49.448	-37.264	-4	...	...	...	-41.884	-59.088	-3	...	...	...	-33.152	-49.294	-5	...	...
...	49.355	-30.097	-3	...	...	...	41.731	+58.361	-4	...	...	...	33.107	+26.398	0.90	50.3652	10.0
...	49.335	-41.466	-3	...	...	...	41.716	-10.675	0.65	51.3507	10.0	...	33.086	-44.770	-4	...	...
...	49.139	+31.851	-4	A	...	...	41.109	+10.027	-1	...	...	*	33.074	-58.917	1.40	51.3516	9.2
...	48.864	-39.586	-4	...	...	...	41.028	-54.467	-3	...	...	...	33.051	-3.542	-5	p	...
7I	-48.853	+10.607	1.00	50.3632	9.5	13I	-40.859	+2.736	-4	...	...	19I	-33.036	-26.319	1.90	51.3517	8.6
...	48.679	+12.057	-3	...	...	...	40.657	-53.407	-5	p	...	...	32.851	-59.306	-4	...	...
*	48.653	-48.928	1.05	51.3496	9.6	...	40.464	-14.840	-1	51.3508	10.0	*	32.577	-59.135	1.10	51.3518	9.4
*	48.651	-51.336	1.25	51.3495	9.0	...	40.417	-14.884	-4	...	...	...	32.282	-0.343	-4	...	...
...	48.496	+39.332	-3	...	...	...	40.097	+45.796	1.20	50.3642	9.2	...	32.115	+57.008	-3	...	...
...	-48.270	-42.678	-1	51.3497	10.0	...	-39.998	+46.726	1.05	50.3643	9.5	...	-32.023	-7.222	-2	...	...
...	48.164	-24.376	-4	...	...	...	39.702	-18.905	-4	...	...	...	31.747	-2.714	-5	...	...
...	47.991	+31.039	-4	...	...	...	39.597	-0.166	0.80	...	...	...	31.728	-6.984	-4	...	...
...	47.970	+56.514	-3	49.3651	10.0	*	39.452	-22.472	1.00	51.3509	9.7	...	31.725	+12.278	0.70	...	...
*	47.722	+15.980	1.05	50.3633	9.4	...	39.309	-48.789	-3	...	...	...	31.560	-20.723	-5	...	...
8I	-47.607	+12.171	-5	M	...	14I	-39.078	-58.408	-5	p	...	20I	-31.469	-58.046	0.80	51.3519	10.0
...	47.588	+7.356	1.05	50.3634	9.4	...	38.976	-12.964	-3	...	...	*	31.447	+18.442	1.15	50.3653	9.4
*	47.518	+38.311	0.95	50.3635	9.7	...	38.810	-49.549	-5	...	...	...	31.255	+27.574	-4	...	...
*	47.487	-34.221	1.10	51.3499	9.2	...	38.648	+20.752	-5	M	...	...	31.040	+18.205	-3	...	...
...	47.262	-29.265	-2	...	...	...	38.166	-47.086	-5	...	...	...	30.930	-16.883	0.70	...	...
...	-47.209	-30.289	-5	...	...	...	-38.096	+7.904	-5	M	...	...	-30.604	+3.219	0.85	50.3654	9.8
...	47.044	+31.245	-4	A	...	...	38.039	+8.696	0.70	50.3644	10.0	...	30.600	-8.797	-4	...	...
*	47.031	+20.834	0.95	50.3636	9.7	†	37.778	+24.933	-5	M	...	*	30.511	+18.391	1.00	50.3655	9.6
...	46.900	-42.142	-1	51.3500	10.0	*	37.600	-2.449	1.30	50.3645	9.0	...	30.325	-32.963	0.70	51.3520	10.0
...	46.558	+25.751	-4	...	...	...	37.507	-23.657	-5	p	...	...	30.071	-7.629	-5	...	...
9I	-46.400	+21.558	0.75	50.3637	10.0	15I	-37.304	-20.781	-3	...	...	21I	-30.033	+49.809	1.25	50.3656	9.2
...	46.379	+35.199	-4	...	...	Sn*	36.919	+23.599	1.30	50.3646	8.9	...	29.950	-57.955	-5	...	...
...	46.263	+28.738	-4	B	...	...	36.906	-25.499	-4	...	...	...	29.927	-47.442	-4	...	...
...	45.735	+26.119	-4	B	...	n	36.852	+23.475	0.70	50.3646	8.9	...	29.903	+27.780	-4	B	...
...	45.638	+36.934	-4	...	...	...	36.800	-58.346	-1	51.3511	10.0	...	29.780	+5.385	-5	M	...
...	-45.428	-27.997	-5	...	...	...	-36.631	-42.259	-5	p	...	...	-29.761	+35.658	-3	...	...
...	45.157	-20.360	-4	...	...	...	36.601	-44.899	1.20	51.3512	9.2	...	29.330	+15.923	-5	M	...
...	45.156	-45.142	-1	...	...	...	36.530	-2.133	-2	...	...	...	29.239	-12.924	-4	...	...
...	45.134	-8.837	1.00	51.3502	9.7	...	36.243	-37.983	-4	...	...	...	29.196	-10.135	0.75	51.3522	10.0
†	45.057	+13.854	-3	...	...	...	36.239	-40.371	-5	...	...	...	29.078	-32.412	-1	51.3521	10.0
†						16I	-36.154	+24.386	-3	...	...	22I	-28.896	+31.395	-3	...	...
10I	-45.029	-17.750	-4	...	...	...	36.112	+25.279	-3	...	...	...	28.854	-19.208	-3	...	...
...	44.880	+36.065	-1	50.3638	10.0	...	35.903	-24.839	-5	...	...	...	28.655	-57.350	-4	...	...
...	44.847	+59.059	-2	49.3656	10.0	...	35.889	-26.082	0.70	...	...	...	28.578	+24.636	0.70	50.3658	10.0
...	44.619	-42.150	0.85	51.3501	9.8	...	35.809	-45.039	-5	p	...	...	28.559	+7.278	-4	B	...
...	44.553	-50.689	-3	...	...	...	-35.797	-3.927	-5	p	...	*	-28.554	+5.964	1.15	50.3657	9.2
...	-44.457	-46.545	-4	...	...	...	35.522	+58.627	1.70	49.3661	9.0	...	28.282	+38.944	-5	M	...
...	44.318	-58.528	-4	...	...	S *	35.321	+34.834	0.70	50.3647	10.0	...	28.122	-13.611	-5	...	...
...	44.136	+34.444	-2	...	...	†	35.164	+40.354	-4	...	...	...	27.925	-54.098	-4	...	...
...	43.962	-49.796	-4	...	...	†	34.996	+22.341	0.90	50.3648	9.8	...	27.917	-13.886	-5	...	...
...	43.485	+48.406	-5	...	...	17I	-34.992	-56.628	-3	...	...	23I	-27.910	+33.383	-3	...	...
11I	-43.420	-0.912	-1	50.3639	10.0	...	34.855	-40.695	1.15	51.3513	9.4	...	27.899	+38.642	0.70	50.3659	9.8
...	43.219	-41.337	0.75	51.3504	10.0	*	34.836	+10.599	-5	M	...	...	27.896	-15.858	-5	...	...
...	43.169	-44.792	-3	...	...	...	34.677	+13.176	-5	M	...	...	27.887	+46.226	-5	...	...
*	43.069	+45.059	1.10	50.3641	9.5	...	34.638	+31.119	1.00	50.3649	9.7	...	27.773	-8.770	0.85	51.3523	9.8
...	43.018	+41.817	-3	...	...	*	-34.332	-43.719	1.00	51.3514	9.5	...	-27.642	+42.893	-4	...	...
...	-42.965	+10.155	-1	...	...	*	34.154	+47.212	1.35	50.3650	9.0	...	27.642	-1.095	-4	...	...
n	42.936	+35.918	-3	50.3640	10.0	*	34.112	+1.680	-4	B	...	...	27.529	+42.864	-2	50.3660	10.0
...	42.923	-36.839	-5	p	...	...	34.105	-34.979	0.70	...	...	...	27.195	-57.073	-4	...	...
n	42.855	+36.006	-3	50.3640	10.0	†	34.040	+41.469	-5	A	...	...	27.143	-17.882	-3	...	...
...	42.807	+7.794	-5	M	...	...						...					

117, 119. C.P.D., mass.

152, 154. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
241-300						301-360						361-420					
24I	-26.517	-2.284	-2	50.3661	10.0	30I	-19.273	+53.673	1.00	49.3681	9.5	36I	-12.598	+35.337	-2	...	...
...	26.490	-18.731	-4	...	...	...	19.262	+16.235	-5	M	...	...	12.584	+2.515	-4	B	...
...	26.387	+38.257	-4	...	...	...	19.253	+53.473	0.95	49.3681	9.5	...	12.582	+5.650	-5	B	...
...	26.349	-36.271	-2	...	...	...	19.059	+14.562	-3	...	...	...	12.507	-35.453	-3	...	...
*	26.331	-1.618	1.00	50.3662	9.5	...	18.982	-56.395	-5	...	...	...	12.304	-1.001	-5	...	...
...	-26.164	+25.887	-2	...	...	*	-18.858	-23.983	3.00	51.3528	8.2	...	-12.270	-57.427	0.85	51.3542	9.8
...	26.093	+12.282	-4	...	...	*	18.841	-18.663	1.60	51.3531	8.9	...	12.073	-40.000	-4	...	...
...	26.086	-2.616	-2	...	...	...	18.776	-36.106	0.85	51.3529	10.0	*	11.061	-22.996	1.30	51.3543	9.0
...	26.064	-55.464	-3	...	...	S *	18.719	-39.747	1.70	51.3530	8.6	...	10.977	+40.041	-4	...	...
...	25.922	+41.854	-3	...	...	...	18.549	-48.518	-5	...	...	*	10.922	-47.567	1.00	51.3544	9.5
25I	-25.866	-27.738	-4	...	...	31I	-18.108	-23.874	-2	51.3533	10.0	37I	-10.898	-33.680	-4	...	...
...	25.784	-13.804	-1	...	...	...	18.103	-33.877	-2	...	...	...	10.890	-33.826	0.75	51.3545	9.8
...	25.736	+0.515	-2	...	...	...	18.088	+59.691	0.65	49.3684	10.0	...	10.832	-47.587	-2	...	...
...	25.638	+16.353	-2	50.3663	10.0	...	18.057	-48.944	0.75	51.3532	10.0	...	10.812	+43.653	1.00	50.3680	10.0
...	25.496	-33.282	-4	...	...	...	17.790	-0.863	0.85	...	...	...	10.717	-47.213	-5	...	...
...	-25.371	-4.740	-4	...	...	*	-17.742	-9.619	1.20	51.3534	9.4	...	-10.687	-31.081	-4	...	...
...	25.285	+31.685	-1	...	...	...	17.712	+27.260	-4	...	...	...	10.645	+33.125	-5	...	...
...	25.231	-19.236	0.70	51.3524	10.0	*	17.704	+37.895	1.00	50.3671	9.7	...	10.597	-45.902	-5	...	...
...	25.085	+48.227	-4	...	...	...	17.556	-36.529	-5	...	...	...	10.554	-23.516	-4	...	...
...	24.733	-10.335	-4	...	...	*	17.462	-37.427	1.15	51.3535	9.4	...	10.446	-38.100	-5	...	...
26I	-24.481	-35.518	-2	...	...	32I	-17.243	+3.883	1.00	50.3672	9.5	38I	-10.372	-0.456	-4	...	...
...	24.460	+2.950	-4	...	...	...	17.145	-9.577	-1	...	...	...	10.139	+41.709	-4	...	...
...	24.345	-12.565	-4	...	...	...	17.143	-0.846	-5	...	...	...	10.048	-6.964	-4	...	...
S *	24.100	-2.213	1.70	50.3664	8.8	...	16.785	-33.499	-3	...	...	...	10.036	+1.469	-4	B	...
...	23.886	-55.201	-5	...	...	*	16.605	-26.577	1.10	51.3536	9.4	...	10.024	-58.726	-4	...	...
...	-23.873	-0.893	-4	...	...	...	-16.370	-28.244	-5	...	...	...	-10.004	-6.071	-5	p	...
*	23.834	+38.246	1.15	50.3665	9.4	*	16.359	-49.985	1.10	51.3537	9.3	...	9.797	+18.000	-5	M	...
...	23.820	-25.024	-5	...	...	†	15.888	-29.903	0.70	51.3538	10.0	...	9.746	-43.292	-4	...	...
...	23.538	+22.532	-4	...	...	...	15.781	-29.180	0.70	51.3539	10.0	...	9.713	-16.865	-5	...	...
*	23.305	-59.064	1.10	51.3525	9.5	...	15.618	-21.630	-5	...	...	...	9.699	+8.240	-4	B	...
27I	-23.110	-54.458	-4	...	...	33I	-15.617	+19.026	-5	...	...	39I	-9.562	-31.794	1.05	51.3547	9.5
...	22.975	-1.998	0.70	50.3666	9.8	*	15.430	+18.770	1.10	50.3674	9.4	...	9.232	-50.527	-3	...	...
...	22.774	-31.178	-2	...	...	...	15.399	+27.781	0.80	50.3673	10.0	...	8.974	-8.318	-2	...	...
*	22.760	+48.704	0.90	50.3667	9.7	...	15.274	-22.050	-4	...	...	...	8.684	-58.939	-4	...	...
...	22.568	+13.437	-2	...	...	†	15.196	+12.233	-5	M	...	...	8.479	+6.025	-2	...	...
...	-22.547	+5.541	-4	B	...	...	-15.103	+39.022	-4	...	...	...	-8.466	+22.761	-4	B	...
...	22.221	+52.132	-4	A	...	...	14.968	-59.359	-5	...	...	...	8.140	+57.549	-4	...	...
...	22.088	-25.465	-5	...	...	...	14.637	+14.849	-5	M	...	...	8.127	+14.280	-4	B	...
...	21.824	+54.069	-5	...	...	...	14.600	-0.875	0.70	50.3675	9.8	...	7.952	-44.754	-2	...	...
...	21.759	-19.800	-5	...	...	*	14.509	-49.357	1.00	51.3540	9.6	...	7.947	-31.012	-1	51.3548	10.0
28I	-21.598	+18.599	-5	M	...	34I	-14.501	+4.284	-5	M	...	40I	-7.756	-29.111	-4	...	...
...	21.529	+24.117	-4	A	...	...	14.442	-51.151	-4	...	...	...	7.743	-12.507	0.85	51.3549	9.8
...	21.497	+59.630	-5	...	...	...	14.405	+1.875	0.80	...	...	...	7.450	-19.813	-2	51.3550	9.8
...	21.280	-55.876	-1	...	...	...	14.242	+1.406	-5	M	...	...	7.408	-7.750	-3	...	...
...	21.191	-37.403	-5	...	...	...	14.184	-9.425	-5	...	...	...	7.151	-37.651	-5	p	...
...	-21.094	-16.967	-1	51.3526	10.0	...	-14.075	-19.033	-5	...	...	...	-7.122	-44.512	-5	p	...
...	21.008	-3.565	-4	...	...	...	13.960	+54.588	0.65	...	...	*	7.088	+21.514	1.05	50.3681	9.5
...	20.753	+30.488	0.90	50.3668	9.8	...	13.777	+29.093	0.85	...	...	...	7.087	-39.620	-4	...	...
...	20.753	-25.590	-4	...	...	...	13.737	+1.347	-5	M	...	...	7.009	+8.947	0.80	50.3682	9.7
*	20.725	-39.407	1.30	51.3527	9.0	*	13.566	+38.391	2.40	50.3677	8.2	...	6.988	+14.713	-4	...	...
29I	-20.678	-35.296	-4	...	...	35I	-13.508	-44.919	-5	...	...	41I	-6.924	+20.364	-1	50.3683	10.0
...	20.660	-46.933	-3	...	...	†	13.442	-3.589	0.70	50.3676	10.0	...	6.917	-52.791	1.15	51.3551	9.5
...	20.659	-41.995	-4	...	...	*	13.213	+45.286	1.00	50.3678	10.0	*	6.769	-22.070	-1	51.3552	9.8
...	20.318	+42.288	-4	...	...	...	13.187	+21.105	-4	...	...	a *	6.709	+0.603	2.60	50.3684	8.4
...	20.248	+21.234	-3	...	...	...	13.150	+23.731	-5	...	...	...	6.125	-20.405	-5	p	...
†	-20.199	-3.172	-4	...	...	*	-13.020	-1.112	1.15	50.3679	9.4	*	-6.099	+15.580	1.05	50.3685	9.6
...	20.104	+53.815	0.65	49.3680	10.0	...	13.006	+52.900	-3	...	...	...	6.033	+26.214	-2	...	...
...	19.669	+26.803	-2	...	...	*	12.897	-26.805	0.90	51.3541	9.8	...	5.913	+37.375	-5	M	...
*	19.408	+10.763	1.00	50.3669	9.7	...	12.837	-26.370	-5	...	...	...	5.811	+41.576	-5	M	...
...	19.346	+50.312	0.65	50.3670	10.0	...	12.633	+12.605	-1	...	...	...	5.430	-10.969	-1	51.3553	10.0

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No	Mag.		<i>x.</i>	<i>y.</i>		No	Mag.		<i>x.</i>	<i>y.</i>		No	Mag.
421-480						481-540						541-600					
42I	-5.269	-27.600	-3	...	...	48I	+2.581	-44.171	-3	...	...	54I	+9.393	-32.594	-3	...	...
†	5.183	+0.903	2.10	50.3686	8.6	...	2.680	-38.332	-4	...	...	...	9.569	+38.900	0.65	...	...
...	5.138	-50.519	-5	...	...	...	2.790	-25.470	-4	...	...	...	10.072	-25.528	-2	...	...
...	5.105	-23.873	-3	...	...	...	2.885	-51.320	-2	...	...	...	10.166	+12.678	-3	50.3699	10.0
...	4.722	-28.911	-3	...	...	...	3.057	+30.051	-5	<i>m</i>	...	*	10.171	-36.968	1.70	51.3574	8.9
...	-4.708	+58.168	-5	<i>M</i>	...	...	+3.182	-28.428	-4	...	...	...	+10.221	-0.919	-4	...	...
...	4.542	+55.919	-4	...	...	...	3.228	+50.958	1.00	50.3695	9.8	...	10.270	+57.719	-3	...	...
...	4.337	-52.261	-4	...	...	...	3.303	+3.841	-5	<i>m</i>	...	*	10.401	-51.921	0.95	51.3575	9.8
...	4.222	+37.058	0.65	50.3687	10.0	...	3.323	-50.073	-3	...	...	*	10.540	-30.686	1.10	51.3576	9.4
...	3.940	-10.476	-4	...	...	...	3.484	-53.063	-2	...	...	*	10.718	-47.475	0.90	51.3577	10.0
43I	-3.077	-41.624	-4	...	...	49I	+3.549	+56.958	1.00	49.3712	9.8	55I	+11.040	-52.584	-5	<i>p</i>	...
...	2.985	-44.270	-4	...	...	*	3.739	+28.516	3.00	50.3696	8.2	...	11.143	-3.226	-4	...	...
...	2.981	+22.038	-5	<i>M</i>	...	...	3.790	+39.979	-2	...	...	*	11.172	-6.387	0.90	50.3701	9.8
...	2.844	-19.272	-4	...	...	...	4.050	-4.411	-5	...	...	...	11.329	+24.682	0.65	50.3700	10.0
...	2.613	-49.414	-5	<i>p</i>	...	...	4.127	+54.211	0.75	49.3715	10.0	...	11.481	-51.226	-4	...	...
...	-2.577	-1.942	-2	50.3688	10.0	*	+4.162	+55.506	1.10	49.3714	9.5	...	+11.504	+4.177	-4	<i>b</i>	...
...	2.511	-5.532	-4	...	...	...	4.270	+58.764	-5	...	...	...	11.585	-58.325	-4	...	...
...	2.446	-48.567	-4	...	...	...	4.343	+31.076	-5	...	...	...	11.874	+6.759	-3	...	...
...	2.317	-44.449	-1	...	...	...	4.520	-28.518	0.80	51.3562	10.0	...	11.897	+27.900	-4	<i>b</i>	...
...	2.248	-34.369	-4	...	...	...	4.616	-24.599	-5	...	...	...	11.999	+58.929	-5	<i>m</i>	...
44I	-2.124	-29.004	-5	<i>p</i>	...	50I	+4.637	-25.690	-5	...	...	56I	+12.020	+26.312	-2	...	...
...	1.512	+5.092	-1	50.3689	9.8	†	4.808	-16.123	0.65	51.3563	10.0	...	12.046	-33.328	-2	51.3578	10.0
...	1.501	-24.206	-4	...	...	...	5.021	+4.397	0.75	50.3697	9.8	...	12.050	+54.213	-5	...	...
...	1.476	-59.154	-4	...	...	*	5.098	-9.529	1.00	51.3564	9.6	...	12.153	-1.176	-1	50.3702	10.0
...	1.210	+40.445	-5	<i>Mm</i>	...	...	5.225	-53.984	-5	<i>p</i>	...	...	12.285	-55.763	-4	...	...
*	1.050	+7.888	1.90	50.3690	8.9	*	+5.267	-16.342	1.00	51.3565	9.7	...	+12.667	-16.087	-3	...	...
*	1.014	-22.653	0.95	51.3555	9.5	...	5.415	-43.204	-4	...	...	...	12.833	-14.217	-5	<i>p</i>	...
...	0.807	+30.882	-3	...	...	*	5.547	+34.029	1.00	50.3698	9.6	...	12.837	+14.031	-1	...	...
...	0.747	-4.748	-3	50.3691	10.0	...	5.651	-52.990	-2	...	...	...	12.872	-9.738	-4	...	...
...	0.637	+33.365	-4	<i>Bm</i>	...	...	5.888	+0.989	-5	<i>m</i>	...	...	13.127	+36.168	-5	<i>m</i>	...
45I	-0.605	+13.373	-2	...	...	51I	+5.983	-4.634	-5	...	...	57I	+13.407	-42.260	-3	...	...
...	0.471	-7.949	-5	<i>p</i>	...	...	5.991	-58.717	0.90	51.3568	10.0	...	13.642	-51.574	-2	...	...
...	0.443	+27.457	-1	...	...	...	6.002	-35.653	-5	...	...	*	13.675	-26.092	1.05	51.3579	9.5
...	0.418	+12.377	-4	...	...	*	6.035	-11.609	0.95	51.3567	10.0	...	13.699	-59.366	-5	...	...
...	0.385	-36.471	-1	51.3556	10.0	...	6.117	-5.412	-4	...	...	...	13.926	-40.965	-1	51.3580	10.0
†	-0.256	+31.676	-2	...	...	...	+6.149	+8.727	-4	...	...	...	+14.032	+32.939	-4	...	...
...	+0.065	-29.519	-5	...	...	...	6.308	+47.979	-3	...	...	*	14.086	-22.992	1.00	51.3581	9.6
...	0.329	-29.394	-2	...	...	<i>n</i>	6.441	+56.675	0.65	49.3717	9.0	...	14.162	+18.337	-2	...	...
*	0.434	-28.169	1.40	51.3557	8.9	...	6.490	+32.559	-5	...	...	...	14.184	-30.030	-4	...	...
...	0.481	+43.941	-5	<i>M</i>	...	<i>n</i> *	6.492	+56.555	1.40	49.3717	9.0	...	14.375	+31.987	-4	...	...
46I	+0.672	-41.832	1.90	51.3558	8.7	52I	+6.494	-42.921	1.10	51.3569	9.4	58I	+14.439	+6.170	-3	...	...
*	0.764	-23.728	1.60	51.3559	8.9	...	6.505	+54.320	0.90	49.3718	10.0	...	14.458	-46.534	-4	...	...
S *	0.886	+20.108	2.10	50.3692	8.5	...	6.509	-16.677	-2	...	...	*	14.902	-48.339	1.15	51.3582	9.2
...	0.922	-58.393	0.85	51.3561	10.0	...	6.660	-4.380	-5	...	...	*	15.086	-37.546	1.25	51.3583	9.0
*	0.930	-26.580	1.15	51.3560	9.3	...	6.704	+11.402	-4	...	...	...	15.284	-18.926	-3	...	...
...	+1.023	+44.107	-5	<i>Mm</i>	...	...	+6.797	+56.412	-3	...	...	*	+15.307	+26.521	1.15	50.3703	9.3
...	1.173	-50.981	-4	...	...	...	7.104	-52.589	-5	...	...	*	15.430	-45.137	1.10	51.3585	9.3
*	1.187	+17.277	1.20	50.3693	9.0	...	7.167	-8.564	-5	...	...	...	15.631	-45.189	-4	...	...
...	1.187	-49.768	-3	...	...	...	7.340	-52.720	-5	...	...	*	15.926	-43.126	4.00	51.3586	7.7
...	1.441	-31.635	-2	...	...	...	7.355	+13.305	-5	<i>m</i>	...	...	16.069	+41.235	-4	...	...
47I	+1.579	+57.632	-5	<i>Mm</i>	...	53I	+7.408	-58.731	0.90	51.3571	10.0	59I	+16.215	+41.294	-3	...	...
...	1.604	-31.928	-4	...	...	...	7.557	+32.557	-5	<i>m</i>	...	...	16.249	-5.705	-3	...	...
†	1.642	+34.841	1.10	50.3694	9.4	...	7.690	-54.522	0.70	...	...	...	16.323	+1.647	-4	<i>d</i>	...
...	1.665	-27.288	-5	<i>p</i>	...	...	8.931	+55.666	-3	...	...	...	16.327	+33.542	-3	...	...
...	1.826	-2.591	-5	...	...	...	8.949	-53.241	-2	...	...	...	16.355	+32.577	-2	...	...
...	+1.898	-50.087	-5	<i>p</i>	...	*	+9.009	-26.732	2.00	51.3573	8.9	*	+16.475	-27.916	1.80	51.3588	8.9
...	2.035	+43.216	-5	...	...	...	9.050	+45.548	-5	<i>b</i>	...	...	16.481	-20.709	-5	<i>p</i>	...
†	2.067	-59.774	-3	...	...	...	9.116	+20.205	0.75	...	...	...	16.720	+6.431	-3	...	...
...	2.196	+30.624	0.75	...	...	...	9.124	-6.255	-5	<i>p</i>	...	†	16.799	-54.869	-4	...	...
...	2.373	-38.337	-4	...	...	...	9.176	+53.263	-1	...	...	*	16.948	+18.988	1.05	50.3704	9.4

518, 520. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
601-660						661-720						721-780					
60I	+17°232	-48°376	2.10	51.3589	8.6	66I	+24°869	-36°501	-5	...	...	72I	+31°973	-50°379	-4	...	...
...	17°239	-53°101	-5	<i>p</i>	...	...	24°921	-38°584	-4	...	...	...	31°995	+47°541	-4	...	...
...	17°282	+59°629	-3	...	...	*	24°992	-0°130	1.30	50.3717	9.2	...	32°094	+27°281	-3	...	...
...	17°303	-45°588	-3	...	...	...	25°009	+28°043	-3	...	...	...	32°097	-24°112	-2	...	...
...	17°327	+2°487	-4	<i>b</i>	...	...	25°249	-23°765	-4	...	...	*	32°113	+27°385	1.15	50.3725	9.0
...	+17°329	+27°024	-1	...	...	...	+25°755	-41°467	-4	...	...	...	+32°205	+49°654	-2	50.3724	10.2
...	17°458	-4°119	-3	50.3705	10.0	*	25°786	+18°001	1.20	50.3718	9.3	*	32°425	+55°628	0.95	49.3751	9.8
...	17°489	+31°711	-4	...	...	...	25°886	-59°344	-3	...	...	...	32°449	+8°223	-3	...	...
...	17°663	+45°705	-4	...	...	...	26°250	-20°907	-5	...	...	...	32°557	-14°355	-3	...	...
...	17°927	-28°166	-4	...	...	...	26°252	-30°613	-3	...	...	...	32°814	+25°772	-1	...	...
61I	+17°969	-50°907	-1	51.3590	10.0	67I	+26°302	-45°445	-5	<i>p</i>	...	73I	+32°924	+39°716	1.05	50.3726	9.8
...	18°069	-58°266	-5	<i>p</i>	...	...	26°324	+39°736	-4	...	...	...	33°026	-49°638	-4	...	...
...	18°089	+46°538	-4	...	...	...	26°391	-4°838	0.70	...	...	*	33°124	+52°104	1.15	49.3754	9.4
...	18°241	-28°906	-4	...	...	...	26°392	+56°270	-5	...	...	...	33°155	-10°861	-3	...	...
...	18°272	+32°843	-4	...	...	...	26°638	+1°236	-5	...	...	...	33°236	+36°477	-4	...	...
S *	+18°425	-46°649	2.30	51.3591	8.4	...	+26°672	-45°644	0.90	51.3601	10.0	...	+33°256	-33°213	-2	51.3609	10.0
S *	18°585	+36°133	1.20	50.3706	9.2	...	26°694	+32°025	-5	<i>m</i>	...	...	33°398	-37°698	-3	...	...
...	18°596	+28°947	-5	<i>m</i>	...	...	26°749	+27°224	-4	...	...	...	33°423	+10°805	0.90	50.3728	10.2
...	18°856	+38°794	-3	...	...	...	26°891	-57°899	-3	...	...	...	33°476	-37°379	-3	...	...
...	18°905	+10°175	-4	...	...	...	27°040	-6°005	0.90	50.3719	10.0	...	33°611	+42°608	0.70	50.3727	10.3
62I	+19°072	+24°397	0.95	50.3708	9.6	68I	+27°222	+7°036	0.70	...	...	74I	+33°806	+7°851	1.15	50.3730	9.4
*	19°080	+37°437	1.05	50.3707	9.5	...	27°416	-31°721	-4	...	...	*	33°855	-29°655	0.95	51.3610	9.7
...	19°149	-20°515	-3	51.3592	10.0	*	27°523	+5°866	1.20	50.3720	9.4	*	34°079	+36°980	1.20	50.3729	9.4
...	19°285	-7°394	-4	...	...	...	27°625	+57°291	-3	...	...	...	34°120	-49°385	-2	...	...
...	19°336	-52°576	-1	51.3594	10.0	...	27°692	-16°139	-5	...	...	...	34°285	+47°489	-4	...	...
...	+19°460	-9°500	-3	...	...	...	+27°910	+34°832	-5	...	...	...	+34°363	+12°859	-4	<i>b</i>	...
...	19°492	+5°300	-5	<i>m</i>	...	...	28°060	-36°874	0.80	51.3602	10.0	*	34°528	-46°405	1.10	51.3611	9.6
*	19°502	-24°704	1.05	51.3593	9.5	...	28°182	-40°019	-5	...	...	†	34°686	-36°634	-2	...	...
...	19°509	+6°337	0.85	50.3709	10.0	...	28°190	-58°202	-5	...	...	†	34°706	+7°873	-4	...	...
...	19°731	-49°228	0.70	51.3596	10.0	*	28°516	-34°288	0.95	51.3603	10.0	...	34°765	+34°457	-3	...	...
63I	+19°768	+20°371	-4	...	...	69I	+28°555	+32°724	-4	...	...	75I	+34°904	+59°661	0.70	49.3757	10.0
†	19°880	+40°695	0.75	50.3710	10.0	...	28°618	-1°929	-2	...	...	*	35°290	-46°502	1.30	51.3613	9.0
S *	19°933	-15°875	2.30	51.3595	8.6	...	28°726	-49°471	-5	<i>p</i>	...	...	35°430	-6°814	-4	...	...
*	20°291	+5°845	0.90	50.3711	10.0	*	28°734	-38°261	1.10	51.3604	9.5	†	35°614	-34°887	-3	...	...
...	20°392	+2°085	0.65	50.3712	10.0	...	28°962	+50°745	-1	...	...	...	35°724	-47°779	-4	...	...
...	+20°506	-1°881	-3	...	...	...	+29°023	+47°873	-3	...	...	*	+35°768	-49°656	1.10	51.3616	9.8
*	20°698	-57°086	1.70	51.3597	8.9	†	29°186	+39°830	-2	...	...	...	35°825	+3°689	-1	50.3731	10.3
...	20°838	-35°149	-4	...	...	...	29°412	+55°704	-5	...	...	...	35°847	-46°842	-2	51.3617	10.3
...	21°137	+12°015	0.90	50.3713	9.8	*	29°451	+16°362	1.05	50.3721	9.5	...	35°872	+6°143	-5	<i>m</i>	...
...	21°392	+7°666	0.70	50.3714	10.0	...	29°519	-24°167	-5	...	...	*	35°938	-36°655	1.10	51.3615	9.4
64I	+21°700	+13°091	1.40	50.3715	9.2	70I	+29°596	-55°964	-3	...	...	76I	+35°975	-19°409	-1	51.3614	10.3
*	22°381	-54°250	-4	...	...	†	29°791	-34°916	-4	...	...	...	36°177	+53°842	-4	...	...
...	22°395	+46°378	1.15	50.3716	9.4	...	29°808	-10°851	-4	...	...	...	36°231	+33°092	-4	...	...
...	22°549	+55°549	-5	...	...	...	29°830	+47°268	-5	...	...	*	36°235	-18°436	1.00	51.3618	9.8
...	22°577	-44°530	-5	<i>p</i>	...	...	29°839	-44°214	-4	...	...	...	36°303	-50°093	-5	<i>p</i>	...
...	+22°798	-26°566	-4	...	...	*	+29°919	+21°940	1.05	50.3722	9.4	*	+36°885	+45°810	1.05	50.3732	9.8
...	22°998	+28°917	0.70	...	...	...	30°339	-5°205	-5	...	...	...	37°020	-6°236	-4	...	...
...	23°780	+43°581	-3	...	...	...	30°395	+59°738	-2	49.3747	10.0	...	37°132	+47°190	-3	...	...
...	23°825	-56°716	-3	...	...	...	30°606	+48°549	-4	...	...	...	37°173	-30°312	-5	<i>p</i>	...
*	23°851	+56°339	1.10	49.3736	9.5	*	30°851	-9°428	2.00	51.3606	8.7	...	37°189	-26°625	-4	...	...
65I	+24°151	-41°018	0.75	...	...	71I	+30°869	-36°640	0.85	51.3607	10.0	77I	+37°282	-42°115	-5	<i>p</i>	...
...	24°326	+1°419	-4	...	...	...	30°903	-23°659	-4	...	...	...	37°316	+24°814	-3	...	...
*	24°453	-41°547	1.00	51.3598	9.8	*	31°012	+3°215	1.20	50.3723	9.2	...	37°598	-50°411	-5	...	...
...	24°474	-14°715	-4	...	...	...	31°091	+22°599	-4	<i>b</i>	...	...	37°652	-46°582	-4	...	...
...	24°669	-28°089	0.95	51.3599	9.8	...	31°138	-8°964	-3	...	...	...	37°672	-21°730	-3	...	...
†	+24°806	+1°020	-2	...	...	...	+31°275	-9°085	-5	<i>p</i>	...	...	+37°849	+31°028	-5	<i>m</i>	...
*	24°812	-48°528	1.00	51.3600	9.8	...	31°394	+40°525	-5	<i>b</i>	...	...	38°031	+14°197	0.70	50.3733	10.3
...	24°832	-7°851	-3	...	...	...	31°594	+53°564	-4	...	...	*	38°100	-53°266	1.05	51.3619	9.8
...	24°835	-11°314	-3	...	...	...	31°660	+2°508	-4	<i>b</i>	...	...	38°179	+55°683	-4	...	...
...	24°840	+12°487	0.70	...	...	...	31°758	-26°933	0.65	51.3608	10.0	...	38°312	-5°942	-5	<i>p</i>	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
781-840						841-900						901-926					
78I	+38'75I	-18'300	-5	p	...	84I	+45'906	-55'148	-4	...	...	90I	+55'723	+31'527	-4	...	...
...	39'08I	-51'659	-5	...	...	...	46'392	-12'410	1'10	5I.3628	9'6	...	55'825	-51'657	-4	e	...
...	39'189	+55'164	0'70	49.376I	10'3	...	46'702	+8'895	-5	m	...	...	55'950	-17'448	-4	e	...
...	39'194	-10'154	-5	p	...	...	46'829	-15'438	0'85	5I.3629	10'2	...	56'003	-49'967	-5	p	...
...	39'292	-20'107	-4	...	...	...	47'055	-26'864	1'00	5I.3630	10'0	Se †	56'02I	-40'00I	2'50	5I.3645	7'9
†	+39'347	-39'869	-4	...	...	...	+47'206	-44'57I	1'05	5I.363I	9'8	...	+56'533	+7'759	-3	...	...
...	39'513	+1'699	-2	...	...	†	47'806	+39'89I	-4	...	...	e *	56'595	-16'719	3'10	5I.3646	7'8
...	39'56I	+58'902	-1	49.3762	10'2	...	47'867	-58'068	-5	...	...	e *	56'749	-35'158	1'05	5I.3648	9'8
...	39'808	+58'057	0'90	49.3763	10'0	*	47'917	-18'067	1'00	5I.3632	9'8	...	56'896	-4'387	-1	e	...
*	39'978	-37'35I	1'00	5I.3620	10'0	...	48'505	-59'21I	0'95	5I.3634	10'2	e *	56'959	-16'124	1'20	5I.3647	9'2
79I	+40'119	+37'568	-5	...	...	85I	+48'513	-18'815	1'00	5I.3633	9'8	91I	+57'270	+1'348	-4	b	...
...	40'179	+46'749	-4	...	...	...	48'654	-51'328	-5	...	...	...	57'358	+59'385	-3	49.3787	10'2
...	40'275	+59'196	0'90	49.3764	10'0	...	48'749	-47'069	-4	...	...	e	57'472	-48'54I	0'85	5I.3649	10'2
*	40'280	+7'492	1'00	50.3735	10'0	...	48'813	+20'70I	-5	...	...	...	57'697	+20'114	-4	...	...
...	40'288	+31'872	-5	m	...	...	48'815	+3'087	-5	m	...	...	57'75I	+45'106	-1	50.3752	10'2
*	+40'44I	+30'579	1'00	50.3734	9'8	*	+48'844	+43'009	1'00	50.3745	9'8	...	+57'857	-47'526	-5	p	...
...	40'453	-50'937	0'75	...	...	...	49'04I	-33'410	1'00	5I.3635	10'0	...	58'317	+52'294	-5	...	...
...	40'552	-10'184	-3	...	...	...	49'188	+16'578	0'75	50.3746	10'3	...	58'434	-6'646	-3	e	...
*	40'95I	+55'275	1'60	49.3765	8'7	...	49'199	+16'407	-4	...	...	...	58'509	+3'157	-4	e	...
...	40'98I	+1'276	-2	...	...	...	49'329	+57'785	-4	...	...	e	58'536	-11'673	-2	5I.365I	10'3
80I	+41'02I	+8'649	0'95	50.3737	10'0	86I	+49'458	-22'180	-4	...	...	92I	+58'727	-36'713	-5	...	...
*	41'098	+1'100	0'90	50.3738	10'0	*	49'88I	+20'562	1'20	50.3747	9'0	...	58'966	-35'256	-5	...	...
...	41'205	-1'276	0'90	50.3740	10'2	...	50'039	+11'112	0'65	50.3748	10'3	...	58'978	+17'024	-3	...	...
...	41'327	+8'533	-2	...	...	*	50'115	-12'723	1'15	5I.3636	9'5	...	59'224	+12'415	-4	...	...
...	41'350	-43'902	-2	...	...	...	50'216	-6'504	-4	...	...	...	59'472	-34'537	-3	e	...
*	+41'376	+45'860	1'15	50.3736	9'6	*	+50'402	-14'644	0'95	5I.3637	9'8	†	+59'543	-20'793	-3	e	...
...	41'483	-28'65I	-3	...	...	...	50'417	+11'229	-4	b	...	...					
†	41'555	+54'837	-1	49.3768	10'2	...	50'469	-33'998	-4	...	...	...					
...	41'659	-18'406	-4	...	...	...	50'73I	+55'96I	-4	...	...	...					
...	41'720	+37'728	0'90	50.3739	10'0	...	51'153	-44'453	-5	p	...	...					
81I	+41'842	+17'052	-1	...	...	87I	+51'234	+48'147	-5	m	...	...					
*	42'032	-37'30I	1'15	5I.362I	9'6	...	51'272	+47'548	-5	...	...	...					
...	42'058	-42'802	-5	...	...	...	51'408	+7'387	-4	...	...	...					
...	42'163	+23'020	-4	...	...	...	51'57I	-14'788	0'85	5I.3638	10'0	...					
...	42'275	+16'227	0'75	50.374I	10'3	e *	51'618	-51'727	2'10	5I.3639	8'2	...					
...	+42'33I	+18'49I	-5	...	...	...	+51'833	-58'435	-5	p	...	...					
...	42'345	+15'810	-5	...	...	...	51'868	+54'358	-4	...	...	...					
*	42'427	-56'795	3'00	5I.3623	7'5	...	52'055	-17'474	-5	p	...	...					
...	42'500	-18'086	0'70	5I.3622	10'3	...	52'208	-25'74I	-4	...	...	...					
...	42'795	-20'642	0'70	...	...	...	52'422	-35'217	-4	...	...	...					
82I	+43'409	-35'425	-5	...	...	88I	+52'606	+8'004	-4	...	...	...					
...	43'519	-37'659	0'90	5I.3624	10'2	...	52'638	+54'568	-4	...	...	...					
...	43'602	+33'274	0'70	50.3742	10'3	...	53'009	-32'319	-4	e	...	...					
...	44'036	-40'850	1'00	5I.3625	10'0	...	53'036	+43'608	-4	...	...	...					
...	44'099	-41'48I	-1	...	...	...	53'602	-47'569	-5	p	...	...					
...	+44'162	+56'120	-5	...	...	...	+53'606	+41'970	-4	...	...	...					
...	44'244	-22'742	-5	...	...	...	53'737	+1'960	-2	...	...	...					
...	44'466	-38'690	-4	...	...	...	53'748	-5'352	-3	e	...	...					
...	44'536	-56'685	-3	...	...	e *	54'444	-54'048	1'60	5I.364I	9'2	...					
...	44'563	-46'655	-5	p	...	e *	54'529	+21'555	0'90	50.3750	10'0	...					
83I	+44'574	+10'856	-4	...	...	89I	+54'670	+34'502	1'15	50.3749	9'8	...					
†	44'592	-57'460	-3	...	...	...	54'765	+11'974	-5	m	...	...					
S	44'665	+5'888	1'60	50.3744	8'6	...	54'814	-43'245	-4	e	...	...					
†	44'708	-59'306	-5	...	...	e *	54'817	-11'239	1'80	5I.3640	8'6	...					
†	44'754	-40'619	1'20	5I.3626	9'6	...	54'873	+4'665	-4	...	...	...					
*	+44'854	+14'763	1'05	50.3743	9'8	...	+55'35I	+45'306	-4	...	...	...					
...	44'908	-4'646	-5	...	...	e *	55'38I	-24'73I	0'85	5I.3643	10'0	...					
...	45'164	+41'977	-4	...	...	...	55'569	+31'908	0'85	50.375I	10'0	...					
*	45'334	-48'513	1'25	5I.3627	9'4	e	55'570	-40'287	0'70	5I.3644	10'0	...					
...	45'899	+28'516	-2	...	...	e *	55'576	-14'753	1'15	5I.3642	9'6	...					

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1-60						61-120						121-180					
I	-60°05I	+34°399	I·20	50.3749	9·8	6I	-49°290	+51°894	-4	49.3792	IO·2	I2I	-37°018	+32°743	-4	...	...
+	59°67I	+1°844	-I	...	...	...	49°215	+16°694	-5	...	...	*	36°939	+24°316	I·00	50.3767	9·8
...	59°662	+21°436	0·80	50.3750	IO·0	...	49°15I	-40°715	-5	...	...	...	36°930	-22°53I	-3	...	...
E *	59°574	-51°897	2·30	51.3639	8·2	...	49°116	-42°907	0·90	51.3657	IO·0	...	36°762	-1°976	-4	...	...
...	59°365	-5°466	-4	E	...	...	49°05I	-39°345	-5	...	...	...	36°650	-28°337	-4	...	...
...	-59°037	+31°834	0·70	50.375I	IO·0	...	-48°599	+17°577	-5	...	...	...	-36°565	+28°348	0·85	50.3768	IO·0
...	59°004	-32°43I	-4	E	...	...	48°38I	+16°394	-3	...	...	...	36°547	-28°03I	-2	...	...
...	58°888	+31°464	-4	...	...	...	48°333	-40°218	-4	...	...	*	36°439	+22°087	I·05	50.3769	9·8
...	58°388	+59°383	-4	49.3787	IO·2	...	48°276	-25°499	0·65	...	...	...	36°422	-50°132	-5	p	...
E *	58°034	-11°304	I·85	51.3640	8·6	*	48°055	+56°144	2·00	49.3795	8·3	...	36°374	+39°806	-5	...	...
II	...	...	...	...	...	7I	...	...	...	...	...	I3I	...	...	...	...	...
...	-57°398	+45°117	-4	50.3752	IO·2	S *	-47°07I	+53°834	2·10	49.3796	8·6	...	-36°229	-41°12I	-3	...	...
E *	57°146	-14°793	I·05	51.3642	9·6	...	47°069	+35°329	-4	...	...	...	36°200	+42°530	-3	50.3770	IO·2
...	57°097	+7°748	-3	...	...	*	46°528	-16°049	2·30	51.3660	8·2	...	36°17I	+38°170	-2	...	...
E	56°938	-24°770	0·75	51.3643	IO·0	...	46°294	-31°966	0·75	51.3659	IO·2	...	35°995	+23°352	-3	...	...
...	56°743	-43°279	-5	E	...	...	45°994	-47°516	0·90	51.366I	IO·2	*	35°873	+28°694	0·95	50.377I	IO·0
E *	-56°67I	-54°107	I·30	51.364I	9·2	...	-45°93I	+50°044	-I	50.3760	IO·0	...	-35°790	-57°103	-5	...	...
...	56°665	-17°455	-5	E	...	...	45°299	+18°110	-5	...	...	...	35°782	+27°594	-3	...	...
...	56°448	+20°126	-5	...	...	†	45°156	+31°532	-5	...	...	...	35°315	+42°617	-2	50.3772	IO·3
...	56°248	-4°375	-2	E	...	...	44°598	-17°120	-5	p	...	...	35°000	+1°137	-3	...	...
E	56°098	-40°294	0·70	51.3644	IO·0	*	44°380	-27°91I	I·00	51.3663	IO·0	...	34°924	+46°523	0·75	50.3774	IO·0
2I	...	...	...	...	...	8I	...	...	...	...	...	I4I	...	...	...	...	...
E *	-56°022	-16°71I	3·10	51.3646	7·8	...	-44°259	-30°300	-5	...	...	*	-34°915	+32°079	I·10	50.3773	9·6
E *	55°698	-16°096	I·20	51.3647	9·2	...	44°166	-30°342	-I	51.3664	IO·3	...	34°855	-24°715	-2	51.3674	IO·3
SE†	55°658	-39°992	2·55	51.3645	7·9	...	44°019	-18°154	-5	...	...	...	34°470	+6°946	-4	...	...
*	55°387	-51°628	-4	E	...	...	44°002	+30°618	-5	...	...	...	34°328	+38°745	-I	50.3776	IO·3
*	55°376	+51°033	I·25	50.3754	9·5	...	43°958	+4°960	-5	M	...	*	34°253	+56°037	I·25	49.3809	9·3
*	-55°352	+43°58I	I·40	50.3753	9·3	...	-43°910	+26°304	-3	...	...	*	-34°202	+17°712	I·30	50.3775	8·8
E †	55°15I	-35°116	0·90	51.3648	9·8	*	43°717	-48°886	2·20	51.3665	7·9	...	34°189	+52°064	-3	49.3810	IO·3
...	55°039	+17°097	-4	...	...	S *	43°618	+1°648	2·15	50.3761	8·2	...	33°574	+56°376	-5	...	...
...	54°959	+3°23I	-4	E	...	*	42°786	+5°936	I·35	50.3762	9·0	...	33°550	+25°563	-I	50.3777	IO·2
...	54°629	-6°569	-3	E	...	...	42°378	-38°20I	-5	...	...	*	33°406	+53°998	I·15	49.3813	9·4
3I	...	...	...	...	...	9I	...	...	...	...	...	I5I	...	...	...	...	...
...	-54°610	+12°508	-5	...	...	...	-42°348	-19°336	0·80	51.3666	IO·3	...	-33°398	-31°157	-4	...	...
E	54°310	-11°58I	-2	51.365I	IO·3	...	41°722	-34°31I	-4	...	...	...	33°213	+45°250	-4	...	...
E	53°882	-48°463	0·75	51.3649	IO·2	...	41°622	-37°076	0·75	51.3667	IO·3	...	33°196	-29°522	-2	51.3676	IO·3
...	53°859	+24°214	0·70	50.3755	IO·2	...	41°214	+32°869	-4	...	...	...	33°143	-51°84I	-4	...	...
...	53°352	+34°898	-4	...	...	...	40°924	-37°279	-4	...	...	...	33°056	+51°416	-5	...	...
...	-52°923	-20°648	-3	E	...	*	-40°87I	-33°073	I·00	51.3668	IO·0	...	-33°020	-13°520	-3	...	...
...	52°446	-34°386	-3	E	...	...	40°529	+10°369	0·70	...	...	...	32°862	+29°332	-4	...	...
*	52°330	+34°470	I·20	50.3756	9·5	...	40°452	-17°278	-3	...	...	...	32°75I	-7°652	0·65	50.3778	IO·0
...	52°169	+38°310	-5	...	...	...	40°414	-8°41I	-3	...	...	...	32°444	-29°295	-4	...	...
...	52°142	-3°499	-5	p	...	...	40°330	-25°328	-3	...	...	...	32°05I	-12°66I	-4	...	...
4I	...	...	...	...	...	IOI	...	...	...	...	...	I6I	...	...	...	...	...
...	-52°060	+15°115	-4	...	...	†	-40°062	-55°359	-I	51.3669	IO·2	*	-31°668	-48°093	I·05	51.3679	9·8
...	52°038	-7°663	-2	...	...	...	39°729	+15°865	-4	...	...	...	31°603	+41°760	-3	...	...
...	51°865	+36°165	-5	...	...	...	39°548	-59°570	-4	...	...	...	31°153	+6°80I	-3	...	...
...	51°684	-2°716	-2	...	...	...	39°370	+35°602	0·70	50.3765	IO·2	...	31°13I	-52°743	-5	...	...
...	51°653	+46°317	-5	...	...	*	39°296	+2°33I	I·00	50.3763	9·8	...	30°823	+30°137	-4	...	...
*	-51°426	+19°616	0·90	50.3757	9·8	...	-39°225	-29°30I	-5	...	...	...	-30°567	+24°213	-4	...	...
...	51°374	-59°705	-5	p	...	*	39°22I	+21°750	I·40	50.3764	9·I	...	30°306	+30°626	-5	M	...
...	51°247	-25°807	-I	51.3655	IO·3	...	39°114	-28°063	0·85	51.3672	9·8	...	30°09I	+53°833	-5	...	...
...	51°175	+27°022	-3	...	...	*	38°860	-56°59I	2·05	51.367I	8·5	...	29°978	-46°634	-3	...	...
...	51°088	-43°59I	0·70	51.3654	IO·2	*	38°504	+4°578	I·35	50.3766	9·0	†	29°535	+4°783	-2	50.3779	IO·2
5I	...	...	...	...	...	III	...	...	...	...	...	I7I	...	...	...	...	...
*	-50°954	-56°709	I·80	51.3653	9·I	...	-38°403	+24°358	-3	...	...	...	-29°35I	-17°489	-5	...	...
...	50°883	-50°512	-4	...	...	...	38°399	+39°150	-3	...	...	...	29°16I	-14°712	-4	...	...
...	50°628	-25°883	-4	...	...	*	38°369	-29°234	I·20	51.3673	9·4	...	29°009	-52°807	-5	p	...
...	50°618	-34°469	-5	...	...	...	38°065	-52°189	-2	...	...	...	28°859	-24°717	-3	...	...
...	50°384	+5°565	-3	...	...	...	38°028	-31°685	-3	...	...	...	28°345	-0°718	0·70	...	...
...	-50°226	-54°710	0·80	51.3656	IO·0	...	-37°525	+40°127	-4	...	...	*	-28°208	+13°788	I·15	50.3780	9·4
†	50°109	+3°093	I·25	50.3758	9·2	...	37°413	-29°009	-5	p	...	*	27°585	-45°263	I·00	51.3683	IO·0
...	49°850	-48°874	-5	p	...	...	37°329	-3°736	-4	...	...	...	27°472	+2°514	-5	M	...
*	49°590	+48°905	I·35	50.3759	9·5	...	37°263	+19°67I	-4	...	...	...	27°343	+1°415	0·70	...	...
...	49°317	-24°038	0·70	51.3658	IO·2	...	37°102	+24°182	-4	...	...	*	27°264	+41°573	I·00	50.378I	9·8

T measured from I, 101, 240, 394, 543, 708.

C " " 57, 168, 320, 468, 620, 778.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.	
181-240						241-300						301-360						
18I	-27.258	-0.617	-4	...	...	24I	-19.937	-22.874	-3	...	...	30I	-12.554	+50.968	1.10	50.3800	9.6	
*	27.084	+34.488	1.10	50.3782	9.6	...	19.842	+11.597	-4	B	...	...	...	12.523	+18.418	-3	...	...
...	27.033	+7.753	-2	...	...	...	19.804	-18.154	-3	...	...	*	...	12.428	-45.474	0.95	51.3707	9.8
†	26.970	-15.074	1.20	51.3685	9.4	*	19.624	-37.505	0.85	51.3696	10.0	*	...	12.410	+22.689	0.85	50.3801	10.0
...	26.624	+20.292	-2	...	...	...	19.610	-5.652	-3	...	...	...	...	12.152	-41.297	-4	...	...
...	-26.551	+20.896	-3	...	...	*	-19.580	-49.499	0.85	51.3697	10.0	...	...	-12.126	+22.062	-3	...	...
...	26.515	-1.600	-5	...	...	...	19.457	-5.555	-4	...	...	...	...	12.044	+42.404	-5	...	...
...	26.458	-38.541	-5	...	...	*	19.456	+12.513	1.15	50.3789	9.5	...	...	11.871	-49.587	-3	...	...
...	26.256	-57.891	-5	p	...	...	19.438	+38.005	-4	...	...	S	...	11.793	+46.124	4.00	50.3802	7.2
...	26.239	-57.049	-5	...	...	...	19.310	-48.975	0.80	51.3698	10.0	*	...	11.641	-22.438	0.80	51.3708	10.0
19I	-25.868	+19.530	-5	...	...	25I	-18.984	+24.868	-3	...	...	31I	...	-11.523	-13.794	-3	...	...
...	25.771	+48.550	0.65	50.3783	10.3	*	18.963	+48.019	0.90	50.3790	9.8	...	...	11.401	-26.781	-1	...	...
...	25.612	-4.936	0.70	...	...	...	18.946	+39.804	-1	50.3791	10.2	*	...	11.380	-37.808	0.90	51.3709	10.0
...	25.334	-13.136	-3	...	...	...	18.715	+28.543	-4	...	...	...	...	10.930	-53.136	0.75	51.3710	10.2
†	25.214	-34.947	0.70	51.3686	10.3	...	18.650	-17.440	-3	...	...	...	...	10.928	-47.687	-3	...	...
...	-24.845	-1.624	-5	...	...	...	-18.594	+37.998	-1	50.3793	10.3	...	...	-10.884	-34.988	-3	...	...
...	24.678	-17.507	0.70	...	...	...	18.577	+6.336	-1	50.3792	10.2	†	...	10.561	+4.846	-4	M	...
...	24.436	-14.015	0.70	...	...	...	18.477	-59.663	-5	p	...	...	...	10.557	-4.936	-3	50.3803	10.3
...	23.789	+33.126	-3	...	...	...	18.349	-35.520	0.70	51.3700	10.2	...	...	10.448	+3.467	-2	50.3804	10.3
...	23.760	-9.485	0.80	51.3689	10.3	*	17.930	-37.348	1.05	51.3701	9.8	*	...	9.964	+34.187	1.00	50.3805	9.8
20I	-23.581	+29.889	-3	...	...	26I	-17.454	-27.686	-1	51.3702	10.3	32I	...	-9.898	-55.714	-5	...	...
...	23.554	-54.282	-5	...	...	...	17.423	+16.524	-2	...	...	...	...	9.801	-2.597	-3	...	...
...	23.493	-30.522	0.75	51.3690	10.3	†	17.418	+54.634	-2	49.3836	10.2	...	...	9.643	-0.251	0.75	50.3806	10.3
...	23.469	-53.107	0.65	51.3688	10.3	...	17.384	-59.030	-4	...	...	...	...	9.410	+56.160	-5	...	...
...	23.449	-52.792	-1	51.3687	10.3	...	17.267	+16.064	-5	M	...	*	...	9.199	+25.644	1.05	50.3807	9.8
...	-23.403	+37.843	-3	...	...	...	-17.170	-32.532	0.80	51.3703	10.0	...	...	-9.088	-50.674	-3	...	...
...	23.294	-22.893	-3	...	...	*	17.145	-5.705	1.10	50.3794	9.8	...	...	9.058	+38.228	0.90	50.3808	10.2
...	23.163	-58.244	-5	...	...	...	16.997	+30.581	-2	50.3795	10.3	*	...	8.960	+48.835	1.00	50.3809	10.0
...	23.081	+35.789	0.85	50.3784	10.3	...	16.989	-35.858	-5	...	...	S	...	8.846	-17.589	2.00	51.3712	8.4
...	23.076	-51.401	-4	...	...	...	16.717	-5.733	0.65	50.3796	10.0	...	...	8.762	-50.288	0.75	...	...
21I	-23.066	-28.434	0.70	...	...	27I	-16.684	-44.295	0.85	51.3704	10.0	33I	...	-8.725	-37.915	-5	...	...
...	22.893	+20.152	0.65	...	...	...	16.589	+58.110	-5	...	...	...	...	8.564	+58.689	-5	...	...
...	22.886	-52.267	1.00	51.3691	10.2	...	16.497	-43.191	-4	...	...	...	...	8.542	-59.681	-3	...	...
*	22.720	-19.686	0.90	51.3693	10.2	*	16.431	+55.628	3.10	49.3837	7.5	*	...	8.435	-8.894	1.00	51.3713	10.0
...	22.622	+43.745	-5	...	...	...	16.369	-31.963	-4	...	...	...	...	8.421	+40.247	-4	...	...
...	-22.583	-22.737	-3	...	...	...	-16.359	+11.250	-4	...	...	*	...	-8.360	+27.754	1.80	50.3810	8.6
...	22.569	-27.275	-4	...	...	...	16.143	+22.355	-4	...	...	...	...	8.332	-52.897	-5	...	...
*	22.567	-34.025	0.95	51.3692	10.0	...	15.955	+46.739	-4	...	...	...	...	8.252	+6.181	0.90	50.3811	10.0
...	22.486	+1.739	-4	...	...	...	15.571	-56.824	-4	...	...	...	...	7.889	-45.209	-4	...	...
*	22.323	-32.740	1.20	51.3694	9.6	...	15.460	-6.480	-4	...	...	*	...	7.581	+7.574	1.00	50.3812	10.0
22I	-22.257	-50.230	-4	...	...	28I	-15.437	+21.584	-4	B	...	34I	...	-7.484	+56.580	0.85	49.3849	10.0
...	22.117	-1.130	-5	...	...	...	15.402	-46.033	-5	...	...	...	...	7.400	-47.651	-4	...	...
...	22.032	-1.193	-4	...	...	...	15.381	+31.252	-5	...	...	...	...	7.264	+48.568	-4	...	...
...	21.809	+46.301	-2	50.3785	10.0	...	15.029	-2.913	-4	...	...	...	...	7.249	+27.561	-4	...	...
...	21.743	-12.514	-4	...	...	...	14.835	+27.907	-4	...	...	...	...	7.149	-32.367	-3	...	...
...	-21.674	+46.337	-2	...	...	...	-14.756	+29.252	-4	...	...	*	...	-7.143	+31.722	1.20	50.3813	9.4
...	21.577	-14.363	-4	...	...	...	14.629	+34.569	-3	...	...	...	...	6.949	-8.268	0.90	51.3716	10.2
...	21.550	+6.243	0.70	...	...	...	14.568	+39.205	-4	...	...	...	...	6.840	+40.967	-5	...	...
...	21.098	+31.630	-5	M	...	...	14.400	+10.254	-5	M	...	...	...	6.498	+3.277	-2	...	...
...	21.029	+31.392	-5	...	...	...	14.349	+15.170	-1	50.3797	10.2	...	...	6.014	+58.248	0.95	49.3853	9.8
23I	-20.909	+20.830	-5	...	...	29I	-13.934	+6.600	-3	...	...	35I	...	-5.872	+26.894	-2	...	...
*	20.893	+13.170	1.20	50.3786	9.3	*	13.931	-53.797	1.10	51.3706	9.8	...	...	5.857	+59.253	-1	49.3854	10.0
...	20.837	+37.250	-4	...	...	...	13.746	-7.665	-4	p	...	...	...	5.450	+50.135	-5	...	...
...	20.443	+10.974	0.90	50.3787	10.0	*	13.248	+8.563	1.00	50.3798	9.8	...	...	5.421	+10.308	-4	M	...
...	20.431	-17.018	0.75	...	...	...	13.131	-17.363	-4	...	...	...	...	5.344	+10.530	-5	M	...
...	-20.423	+39.290	-5	...	...	...	-12.913	+7.292	-2	50.3799	10.3	*	...	-5.311	-31.262	1.10	51.3717	9.6
*	20.369	+14.642	1.25	50.3788	9.4	...	12.913	-46.404	-3	...	...	†	...	5.276	-26.181	-3	...	...
...	20.320	-22.100	0.70	...	...	...	12.780	-11.047	-3	...	...	†	...	5.234	-48.682	0.80	51.3718	10.2
†	20.287	+28.480	-3	...	...	...	12.755	-19.849	-5	p	...	†	...	5.198	-37.467	-4	...	...
...	20.060	+16.403	-4	...	...	...	12.731	+37.154	-1	...	...	...	...	4.953	-32.949	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>z.</i>	<i>y.</i>		No.	Mag.		<i>z.</i>	<i>y.</i>		No.	Mag.		<i>z.</i>	<i>y.</i>		No.	Mag.
361-420						421-480						481-540					
36I	-4.944	-11.899	-2	...	...	42I	+2.991	+57.183	-5	...	...	48I	+11.281	+30.514	0.90	50.3831	10.0
...	4.863	+2.876	-3	B	...	...	3.336	+30.393	0.80	50.3822	10.0	...	11.281	+7.282	0.85	50.3832	10.0
*	4.804	-32.122	1.15	51.3719	9.4	...	3.400	-28.689	0.70	51.3733	10.0	*	11.725	-32.492	1.10	51.3743	9.8
...	4.790	-38.843	0.85	51.3721	10.2	...	3.773	+57.094	-5	...	...	*	11.783	+49.603	1.00	50.3833	9.8
...	4.715	-37.894	0.85	51.3722	10.2	...	3.868	-50.560	-4	...	...	*	12.048	-32.671	1.00	51.3744	9.8
...	-4.711	-16.293	-1	...	...	...	+3.881	-1.536	-4	...	...	...	+12.059	-28.614	-3	...	...
...	4.638	+36.173	-2	...	...	...	3.898	+0.395	-3	δ	...	...	12.249	-7.395	-2	...	...
...	4.590	+21.518	0.70	...	...	...	4.049	-38.456	-4	...	...	*	12.250	+50.186	1.05	50.3834	9.8
†	4.545	-25.034	1.35	51.3723	9.1	...	4.055	-5.489	-3	...	...	...	12.409	-43.119	0.85	...	...
...	4.449	+44.988	-5	...	...	...	4.194	-14.053	-4	p	...	...	12.785	+12.509	0.75	50.3835	10.2
37I	-4.437	-26.030	-4	...	...	43I	+4.227	-40.195	-4	p	...	49I	+13.065	+27.687	1.00	50.3836	9.8
...	4.272	-30.880	-4	...	...	...	4.232	+38.704	-4	...	...	...	13.188	+52.448	1.00	49.3882	10.0
...	3.899	-35.598	-1	...	...	...	4.305	+5.484	-4	m	...	...	13.362	+56.762	-4	...	...
*	3.838	+28.501	1.15	50.3814	9.5	†	4.655	+35.520	1.05	50.3823	9.8	...	13.438	-36.154	-5	...	...
...	3.781	-15.932	-2	...	...	†	4.713	-50.413	1.20	51.3734	9.4	...	13.703	-52.061	0.90	...	...
...	-3.761	-41.890	-5	p	...	*	+4.931	-8.858	0.65	51.3735	10.2	...	+13.805	+11.800	0.70	...	...
...	3.654	-2.114	-2	...	...	...	5.109	+12.942	1.05	50.3824	9.8	...	13.842	-38.749	0.80	...	...
...	3.330	+43.037	-5	...	...	...	5.480	+48.752	-1	50.3825	10.3	...	13.966	-23.995	-3	...	...
...	2.858	+22.227	0.70	50.3815	10.2	...	5.672	-27.884	-3	...	...	*	14.263	-30.748	1.80	51.3745	8.8
...	2.729	-56.410	-3	...	...	...	5.874	-57.188	-4	...	...	...	14.295	-16.161	-2	...	...
38I	-2.283	-57.722	-4	...	...	44I	+5.875	-48.634	-3	...	...	50I	+14.392	+33.786	-2	...	...
...	2.260	+53.929	-5	...	...	...	6.105	+16.574	-1	50.3826	10.2	*	14.472	+47.447	1.00	50.3837	10.0
*	1.694	+15.133	1.10	50.3816	9.4	...	6.229	-33.267	-1	...	...	...	14.822	-48.854	0.80	51.3746	10.2
...	1.679	-40.565	-1	...	...	*	6.245	+40.096	0.90	50.3827	10.0	*	14.904	-7.515	1.60	50.3838	8.9
...	1.572	-23.487	-2	...	...	*	6.321	-0.915	1.10	50.3828	9.8	...	14.920	+49.419	-4	...	...
...	-1.498	-10.814	-5	...	...	...	+6.410	+41.365	-3	...	...	...	+15.042	-55.995	-1	51.3747	10.3
...	1.471	-48.797	-5	...	...	...	6.557	-16.442	-4	...	...	...	15.299	+45.872	-4	...	...
...	1.389	-3.176	-3	...	...	...	6.830	-59.510	-4	...	...	...	15.447	-57.535	-4	...	...
†	1.173	+44.815	1.20	50.3817	9.4	...	6.848	+34.896	-4	...	...	...	15.513	+30.491	0.75	50.3839	10.2
...	1.048	+52.187	0.80	49.3862	10.3	*	6.992	+58.524	1.15	49.3876	9.4	...	15.550	-16.464	-4	...	...
39I	-0.963	+0.204	1.00	50.3818	9.8	45I	+7.036	+34.610	-3	...	...	51I	+15.552	+32.885	1.40	50.3840	8.9
a m *	0.940	-33.007	-2	...	...	...	7.459	-48.644	-3	...	...	S *	15.582	-31.337	0.75	...	...
...	-0.411	+21.001	0.70	...	...	...	7.600	-32.285	-3	...	...	...	15.916	-35.773	-5	...	...
...	+0.001	+47.587	-3	...	...	...	7.636	-29.881	-4	...	...	...	16.029	-4.682	-3	...	...
*	0.007	+36.950	0.85	50.3819	10.0	...	7.675	+46.629	-3	...	...	...	16.124	-6.709	0.70	50.3841	10.3
...	+0.102	+46.092	-3	...	...	...	+7.738	-14.074	0.75	51.3737	10.0	*	+16.134	-56.840	1.15	51.3749	9.8
...	0.242	+28.056	-3	...	...	...	8.109	+58.801	0.85	49.3878	10.0	*	16.241	-32.751	0.95	51.3748	10.2
...	0.352	+7.741	-2	...	...	...	8.402	-39.493	-3	...	...	...	16.283	-27.845	-2	...	...
*	0.992	-36.820	1.20	51.3726	9.4	...	8.952	+22.074	-4	m	...	...	16.377	-33.626	0.85	51.3750	10.2
...	1.210	-36.631	-1	51.3727	10.0	...	9.015	+22.870	-5	m	...	...	16.439	+56.005	-5	...	...
40I	+1.241	-13.226	-1	...	...	46I	+9.217	+9.293	-4	m	...	52I	+16.631	+15.462	0.80	50.3842	10.3
...	1.318	-22.289	-4	...	...	*	9.218	-54.321	1.10	51.3738	9.8	*	16.632	-42.374	1.60	51.3751	9.0
...	1.324	+28.363	-5	Mm	...	*	9.295	+41.525	1.05	50.3829	9.8	*	16.665	-16.916	4.30	51.3753	7.3
†	1.455	-25.028	1.90	51.3728	8.9	...	9.467	-12.600	-3	...	...	*	16.690	-9.054	1.40	51.3752	9.2
...	1.612	+40.090	-3	50.3820	10.3	...	9.548	+34.100	-4	...	...	...	16.835	-8.590	-4	...	...
...	+1.668	-24.684	-2	51.3729	10.2	...	+9.565	-31.727	-5	...	...	...	+17.118	+49.330	-4	...	...
...	1.829	+35.043	-4	...	...	...	9.608	-4.730	-4	...	...	...	17.202	-15.372	-4	...	...
*	1.928	-19.602	0.95	51.3730	9.8	†	9.791	-33.560	-3	...	...	...	17.224	-40.381	0.90	51.3754	10.2
*	1.933	+46.381	1.15	50.3821	9.8	†	9.797	-48.663	1.00	51.3740	9.8	...	17.294	-40.835	-1	...	...
...	1.964	-30.278	-4	...	...	†	9.831	-34.108	1.30	51.3739	9.4	...	17.782	+14.105	-5	m	...
41I	+2.255	-6.920	-4	...	...	47I	+9.889	+32.087	-2	...	...	53I	+17.970	+10.256	-4	...	...
...	2.298	-47.624	-1	...	...	...	9.924	+1.662	-4	m	...	*	18.035	+2.581	1.05	50.3844	9.8
...	2.349	+53.069	0.75	49.3869	10.2	*	9.967	+34.687	1.00	50.3830	9.8	...	18.044	-31.365	0.80	51.3755	10.2
...	2.383	-50.201	0.95	51.3731	10.2	...	10.071	+6.608	-3	...	...	...	18.249	+25.224	0.75	50.3845	10.2
...	2.527	-21.509	-2	...	...	...	10.485	-43.375	0.85	51.3741	10.2	...	18.255	+39.891	0.70	50.3843	10.3
...	+2.558	+27.464	-3	...	...	...	+10.539	+29.065	0.70	...	...	...	+18.374	+40.257	0.70	50.3846	10.3
...	2.581	-45.118	-1	...	...	...	10.655	-55.458	-3	...	...	...	18.642	-46.706	-3	...	...
...	2.686	+39.123	-4	...	...	...	11.014	-12.849	-3	...	...	...	18.663	+3.877	-4	m	...
...	2.734	+9.704	-4	Mm	...	*	11.117	-57.776	1.20	51.3742	9.6	...	19.276	+51.074	-5	...	...
*	2.787	-31.033	2.80	51.3732	8.4	...	11.144	-50.384	-4	...	...	*	19.492	-14.048	1.00	51.3756	10.0

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
541-600						601-660						661-720					
54I	+19°504	+6°882	0.70	...	...	60I	+27°124	-35°544	-4	...	...	66I	+34°035	-14°636	0.90	51.3782	10.2
...	19°698	-26°026	0.95	51.3757	10.0	...	27°151	-18°238	-3	...	...	...	34°076	+25°966	-2	...	...
...	19°953	+40°578	-4	...	...	...	27°615	+16°715	-4	b	...	...	34°084	+16°077	-4	a	...
...	19°988	-22°251	0.70	51.3758	10.2	...	27°622	-43°363	-3	...	...	...	34°247	-51°464	-5	p	...
...	20°384	-9°418	-4	...	...	...	27°657	+8°344	-3	...	...	...	34°262	+12°091	-2	...	...
*	+20°448	-24°697	3.15	51.3759	7.7	...	+27°668	+0°349	-5	m	...	*	+34°387	+3°419	0.95	50.3874	10.0
...	20°603	-20°494	0.70	51.3760	10.3	...	27°717	-12°844	-3	...	...	...	34°420	+3°698	0.70	50.3873	10.0
...	20°644	-35°508	-3	...	...	*	27°847	+20°824	1.05	50.3860	9.8	...	34°503	+19°041	-3	...	...
*	20°824	-6°511	1.80	50.3847	8.7	...	27°929	+13°128	-2	50.3861	10.3	...	34°996	-28°284	0.70	...	...
...	20°835	+6°892	-1	...	...	...	28°021	-28°255	-2	...	...	...	35°170	-2°539	0.90	50.3875	10.2
55I	+20°844	+55°690	-5	...	...	61I	+28°264	+10°261	-1	50.3862	10.2	67I	+35°373	-55°718	0.90	51.3783	10.0
...	20°856	-7°988	-3	...	...	...	28°327	-13°682	-4	...	...	...	35°538	-59°112	0.75	51.3784	10.0
*	21°046	-21°946	1.45	51.3761	9.0	...	28°541	+29°161	-2	...	...	...	35°619	-43°444	-5	p	...
...	21°088	-16°839	-4	...	...	...	28°718	-27°752	-1	51.3771	10.3	...	35°766	-51°386	-5	...	...
*	21°336	+48°990	1.25	50.3848	9.4	...	28°799	+24°422	-3	...	...	...	35°880	+14°708	-4	...	...
...	+21°501	-51°526	-2	...	...	...	+29°385	+1°373	-4	m	...	...	+36°135	-9°225	-4	...	...
...	21°530	+0°333	-3	...	...	...	29°517	+32°169	0.75	50.3863	10.2	...	36°337	+17°561	-4	...	...
...	21°580	+51°620	0.70	50.3849	10.3	*	29°526	-43°617	1.10	51.3773	10.0	*	36°364	+58°512	1.00	49.3913	9.6
...	21°609	-44°014	-1	...	...	...	29°543	-36°660	0.90	51.3772	10.0	...	36°376	+3°227	0.70	...	...
*	21°854	+45°818	1.30	50.3850	9.4	...	29°880	+27°420	-4	...	...	...	36°479	+42°612	0.85	50.3876	10.2
56I	+22°050	-0°089	-2	...	...	62I	+29°897	+6°028	-4	...	...	68I	+36°998	-30°160	-4	...	...
...	22°161	-58°972	0.75	51.3763	10.2	...	29°907	-29°552	-3	...	...	...	37°029	+5°383	-3	...	...
...	22°257	-23°527	0.70	51.3762	10.2	...	29°985	-56°501	-4	...	...	...	37°072	-43°022	-3	...	...
...	22°336	-32°052	-3	...	...	...	30°064	-9°802	0.70	...	...	...	37°089	-35°467	-1	...	...
...	22°402	-16°734	-2	...	...	...	30°132	+12°266	-4	a	...	...	37°152	+26°511	0.75	50.3877	10.3
...	+22°445	+12°075	-4	...	...	*	+30°149	+19°757	0.90	50.3864	10.0	...	+37°177	-22°339	-1	51.3786	10.3
...	22°644	-13°065	-4	...	...	...	30°346	-17°856	-5	...	...	...	37°187	-10°814	0.70	51.3785	10.3
...	22°648	+35°986	-3	...	...	...	30°350	-30°857	0.70	...	...	...	37°334	-16°943	-5	...	...
...	22°676	+20°842	-5	...	...	*	30°414	-38°501	1.00	51.3774	9.8	...	37°342	-26°265	-5	p	...
...	22°766	-8°441	-3	...	...	...	30°547	+23°665	-4	...	...	...	37°374	-6°952	-3	...	...
57I	+22°879	-1°286	1.10	50.3851	9.8	63I	+30°780	-10°240	-4	...	...	69I	+37°446	+21°772	-5	...	...
*	22°947	-32°354	3.80	51.3765	7.6	*	30°840	+21°981	1.40	50.3865	9.2	...	37°509	-45°736	-2	...	...
...	23°232	+39°592	-4	...	...	...	30°857	+5°434	-3	...	...	*	37°659	+27°799	1.00	50.3878	9.8
...	23°610	-14°625	-1	51.3766	10.3	...	31°009	-41°233	1.10	51.3776	9.6	*	37°787	-53°162	1.20	51.3787	9.8
...	24°028	-11°688	-4	...	...	...	31°039	-43°819	0.75	...	...	...	37°928	-47°458	0.65	...	...
...	+24°109	-40°164	-2	...	...	*	+31°120	-16°745	1.05	51.3775	9.5	...	+38°268	-18°034	0.70	...	...
...	24°132	-39°271	-2	51.3767	10.3	...	31°461	-44°098	-5	...	...	*	38°652	-55°469	1.20	51.3788	9.6
...	24°306	+19°184	-2	...	...	...	31°517	+37°214	-3	...	...	...	38°653	+0°059	-2	...	...
...	24°389	+14°706	-1	50.3852	10.2	...	31°576	+48°474	1.05	50.3866	9.8	...	38°782	-14°957	-4	p	...
...	24°479	+27°814	-4	...	...	...	31°687	-13°119	0.70	...	...	...	38°846	+46°410	-3	50.3879	10.3
58I	+24°516	-48°260	-3	...	...	64I	+31°718	+19°648	-5	...	...	70I	+38°903	+33°439	1.00	50.3880	10.0
...	24°615	+40°433	-4	...	...	*	31°852	-53°048	1.30	51.3777	9.6	*	38°968	-10°030	-4	...	...
...	24°716	+28°544	0.70	50.3853	10.2	*	32°274	+16°324	1.05	50.3868	9.8	S	39°033	-4°047	2.50	50.3881	8.2
...	24°795	-24°830	-3	...	...	*	32°346	-41°135	1.20	51.3778	9.6	...	39°083	-9°585	0.70	...	...
...	25°389	-7°485	-2	50.3855	10.3	...	32°375	+17°928	0.70	...	...	...	39°404	-33°339	0.80	51.3790	10.3
n *	+25°467	-40°225	1.00	51.3768	8.6	...	+32°393	-40°335	0.70	...	...	*	+39°523	-21°256	1.10	51.3789	9.8
...	25°594	+19°250	-4	...	...	...	32°490	+43°533	0.65	50.3867	10.2	...	39°564	+2°237	-3	...	...
...	25°620	+43°686	-2	50.3854	10.2	*	32°765	+23°486	1.00	50.3869	9.8	...	39°636	-2°754	1.20	50.3883	9.6
Sn *	25°741	-40°363	2.05	51.3768	8.6	*	32°934	-24°403	1.00	51.3779	9.8	...	39°637	-51°671	-3	51.3793	10.3
...	25°867	-2°831	0.85	50.3856	10.0	...	33°145	-50°974	0.90	51.3781	10.2	...	39°649	-37°254	0.90	51.3792	10.0
59I	+26°162	+9°028	1.10	50.3857	9.8	65I	+33°223	+5°503	1.00	50.3870	10.0	71I	+39°942	-1°301	0.65	50.3884	10.3
...	26°461	+17°037	-4	m	...	*	33°273	-28°878	1.10	51.3780	9.7	...	39°952	-16°772	-3	...	...
...	26°463	-32°153	0.85	51.3770	10.0	...	33°400	+23°808	-4	...	...	*	40°043	+48°161	1.15	50.3882	9.8
...	26°477	-12°048	-2	...	...	...	33°461	-11°816	0.70	...	...	...	40°061	+0°683	1.00	50.3885	10.0
...	26°557	-20°024	1.20	51.3769	9.3	...	33°622	-37°931	-2	...	...	*	40°244	-26°197	1.25	51.3794	9.4
...	+26°745	+39°799	-4	...	...	...	+33°662	-49°886	-1	...	...	...	+40°496	+1°255	-3	...	...
...	26°839	-42°742	-4	...	...	...	33°830	+11°203	0.95	50.3872	10.0	...	40°512	+33°647	-5	...	...
...	26°912	+51°422	-3	50.3858	10.3	*	33°854	+23°382	1.20	50.3871	9.2	*	40°577	-16°265	1.20	51.3795	9.6
...	27°059	+21°551	-3	...	...	...	33°930	+49°713	-5	...	...	...	40°600	+29°054	-4	...	...
*	27°101	+37°333	1.05	50.3859	9.8	...	34°031	+18°855	-4	...	...	...	40°667	-6°865	-4	...	...

586, 589. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.
721-780					
72I	+40°675	+27°616	-4	...	...
...	40°846	+38°015	0°95	50.3886	9.8
...	40°968	-54°044	-2	51.3796	10.2
...	41°290	-40°315	0°75	51.3797	10.3
...	41°442	-46°547	-5	<i>p</i>	...
*	+41°556	-52°349	1°20	51.3799	9.4
*	41°682	-18°783	0°95	51.3798	10.0
...	41°860	+32°554	-3	50.3887	10.3
...	41°919	-40°027	-4	...	...
...	42°322	-43°665	-3	...	...
73I	+42°624	-27°025	0°95	51.3800	10.0
...	42°704	-50°456	0°75	51.3802	10.0
...	42°982	+6°679	-5	<i>m</i>	...
*	43°222	-40°811	1°10	51.3803	9.8
...	43°324	-17°813	0°70	51.3801	10.2
...	+43°544	-48°308	-4	<i>p</i>	...
...	43°647	+53°901	-4	49.3925	10.0
...	43°726	-25°344	0°85	51.3804	10.0
*	43°752	-1°275	1°05	50.3889	9.8
...	43°960	+9°939	-2	50.3888	10.3
74I	+44°164	+37°430	-3	...	...
...	44°415	-32°864	-4	...	...
...	44°459	-51°941	-5	<i>p</i>	...
...	44°682	+2°072	-4	...	...
...	44°753	+34°590	-2	...	...
*	+45°654	+32°457	2°60	50.3890	8.4
...	45°722	-18°674	-1	...	...
*	45°866	-33°050	1°25	51.3807	9.4
...	46°810	-16°551	-4	...	...
*	46°915	+49°886	1°15	50.3891	9.8
75I	+47°341	+41°487	-2	50.3892	10.3
...	47°390	+32°666	-4	...	...
...	47°469	+39°538	-4	...	...
...	47°615	-2°444	0°70	50.3893	10.2
...	47°752	-6°171	0°70	50.3894	10.2
n	+47°787	-18°667	-2	51.3808	10.3
...	47°790	+3°572	-5	...	...
n	47°806	-18°418	-2	51.3808	10.3
...	48°025	-4°433	0°70	50.3895	10.2
...	48°033	-8°852	-4	...	...
76I	+48°215	+32°425	-5	...	...
*	48°349	+3°413	1°35	50.3896	9.5
...	48°457	-25°926	-5	<i>p</i>	...
...	48°722	+1°958	-5	<i>m</i>	...
...	48°765	+39°235	-4	...	...
*	+48°871	+21°017	1°05	50.3897	9.8
...	48°977	-18°304	-3	...	...
...	49°045	+38°450	-5	...	...
...	49°282	+15°068	0°95	50.3898	10.2
*	49°315	-29°176	1°40	51.3809	9.2
77I	+49°319	-6°591	-1	50.3899	10.2
...	49°367	+16°350	-3	...	...
...	49°397	-31°736	-3	...	...
...	49°478	+22°417	-2	...	...
*	49°536	-25°520	1°05	51.3810	9.8
†	+49°544	-18°538	-3	...	...
†	49°574	-21°646	-1	51.3811	10.2
...	49°606	+5°014	-1	50.3900	10.2
...	49°917	+20°613	0°70	50.3901	10.0
*	49°971	+9°208	1°15	50.3902	9.5
781-840					
78I	+50°036	-33°993	1°70	51.3812	8.6
S *	50°420	+10°694	3°40	50.3903	7.7
*	50°489	+9°975	1°15	50.3904	9.4
†	50°712	+8°999	1°00	50.3905	10.0
*	50°712	-23°457	1°00	51.3813	10.0
...	+50°837	+7°989	-2	...	...
*	51°367	+23°173	1°20	50.3906	9.4
...	51°543	-10°130	0°80	51.3814	10.3
*	51°653	+38°636	1°40	50.3907	9.2
S *	51°693	+30°079	2°55	50.3908	8.4
79I	+52°069	-15°952	-4	...	...
...	52°163	-10°511	-5	<i>p</i>	...
...	52°330	-25°380	-5	<i>p</i>	...
...	52°604	+53°991	-3	49.3933	10.2
e *	52°606	-45°337	1°20	51.3815	9.8
...	+52°615	-42°880	-4	...	...
...	52°630	-17°091	-4	...	...
...	52°654	+1°783	-4	...	...
...	52°678	-10°276	-5	<i>p</i>	...
e	52°694	-58°163	-4	51.3816	10.3
80I	+53°393	-19°753	0°90	51.3817	10.2
e *	53°401	-56°573	1°30	51.3819	9.6
...	53°677	-8°643	-3	<i>e</i>	...
...	53°712	-12°211	-3	...	...
e *	53°775	-29°503	1°20	51.3818	9.8
...	+53°832	+11°638	0°70	50.3910	10.3
*	53°895	+26°879	1°30	50.3909	9.3
...	53°972	+2°860	0°95	50.3912	10.0
*	54°292	+22°036	1°00	50.3911	9.8
...	54°305	+12°139	-1	50.3913	10.3
81I	+54°351	-11°394	1°80	51.3820	8.6
e *	54°374	-57°582	-1	51.3821	10.0
e	54°637	+15°833	-5	<i>m</i>	...
...	54°658	-23°855	-3	<i>e</i>	...
†	54°838	-9°266	-4	<i>e</i>	...
...	+54°874	+52°387	-4	49.3938	10.0
...	55°084	+39°959	-5	...	...
...	55°249	+12°500	0°85	50.3916	10.0
...	55°382	-10°906	-5	<i>p</i>	...
...	55°466	+36°497	-4	...	...
82I	+55°471	-39°580	0°95	51.3822	10.0
e	55°476	+45°132	-5	50.3914	10.3
...	55°477	-22°563	-3	<i>e</i>	...
...	55°482	-15°888	-4	...	...
*	55°696	+34°609	1°00	50.3915	9.8
...	+56°052	-24°884	-5	...	...
...	56°267	+49°514	-1	50.3917	9.8
...	56°697	-4°383	0°70	<i>e</i>	...
...	56°741	-16°373	0°65	<i>e</i>	...
...	56°772	+55°656	0°90	49.3941	9.6
83I	+56°960	-0°966	0°70	50.3920	10.3
e *	57°017	-55°562	2°00	51.3823	8.9
...	57°355	-32°809	-5	<i>p</i>	...
...	57°438	+32°079	-3	50.3919	10.2
...	57°822	+49°389	-3	50.3918	10.0
*	+57°848	+18°444	1°40	50.3921	9.2
...	57°924	-0°555	-3	<i>e</i>	...
e	57°953	-21°286	0°95	51.3826	10.2
...	58°094	+7°543	-2	...	...
...	58°642	+1°134	0°70	50.3924	10.3
841-845					
84I	+58°914	+37°448	1°00	50.3922	9.8
*	58°938	+21°666	1°40	50.3923	9.3
...	58°974	+6°010	-4	...	...
...	59°468	-4°440	-4	<i>e</i>	...
e †	59°558	-44°214	1°35	51.3827	9.6

756, 758. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-59.940	+11.516	-3	50.3910	10.3	6I	-50.371	+16.250	-3	...	...	12I	-40.984	-24.296	1.00	51.3845	9.8
†	59.922	+21.920	0.95	50.3911	9.8	...	50.134	+9.032	-2	50.3934	10.3	...	40.899	+27.239	0.90	50.3953	10.0
...	59.659	+45.033	-5	50.3914	10.3	†	49.896	+6.522	-5	...	...	...	40.814	+29.562	0.85	50.3954	10.0
...	59.506	+12.029	-4	50.3913	10.3	*	49.840	-8.398	1.00	51.3830	9.8	*	40.799	-49.343	1.35	51.3844	9.4
...	59.457	+2.746	-1	50.3912	10.0	...	49.659	-18.449	-4	...	...	...	40.396	+1.552	-5	...	...
...	-59.324	+36.410	-5	...	...	...	-49.472	-37.473	-5	...	...	...	-40.381	+8.436	0.70	50.3955	10.3
...	59.273	-8.762	-5	E	...	...	49.217	-39.186	-1	51.3831	10.2	...	39.336	-7.869	-3	...	...
E †	59.112	-19.863	-3	51.3817	10.2	S *	49.190	-42.718	2.00	51.3832	8.6	...	39.287	-50.372	-3	...	...
...	59.060	+49.450	-1	50.3917	9.8	*	49.135	-15.570	1.00	51.3833	9.8	...	39.274	+10.687	-5	...	...
...	59.028	+34.538	0.95	50.3915	9.8	...	49.068	-2.353	-3	...	...	*	39.055	-4.069	2.10	50.3956	8.5
II						7I						13I					
E	-58.869	-45.466	1.00	51.3815	9.8	...	-48.937	+41.898	-4	50.3935	10.2	...	-38.935	+17.855	0.80	50.3957	10.0
...	58.809	+55.600	0.95	49.3941	9.6	...	48.901	+33.875	-4	...	...	*	38.923	-34.201	1.20	51.3847	9.3
...	58.573	+12.429	-3	50.3916	10.0	...	48.547	+58.371	-5	...	...	...	38.663	+17.128	-2	50.3958	10.3
E *	58.494	-11.472	2.00	51.3820	8.6	...	48.487	-30.308	0.90	51.3834	10.0	S *	38.219	+34.752	3.20	50.3959	7.9
E *	58.344	-29.596	1.00	51.3818	9.8	...	48.405	-23.413	-5	...	...	*	37.983	+40.234	1.00	50.3962	9.8
E	-58.250	-58.296	-5	51.3816	10.3	*	-48.335	+15.828	1.50	50.3936	8.8	*	-37.942	-41.366	1.00	51.3848	9.8
...	58.103	-9.341	-5	E	...	...	48.198	+32.992	-5	...	...	...	37.669	-5.190	-2	50.3960	10.3
...	57.695	-23.914	-5	E	...	...	48.117	+55.430	-4	49.3953	10.3	...	37.658	+13.820	0.70	50.3961	10.2
E *	57.596	-56.662	1.15	51.3819	9.6	...	47.905	-31.213	1.00	51.3835	9.8	...	37.578	-0.431	-5	...	...
...	57.492	+49.396	-3	50.3918	10.0	...	47.820	+32.518	-4	...	...	*	37.419	33.285	1.00	51.3850	9.8
2I						8I						14I					
...	-57.178	+32.083	-3	50.3919	10.2	...	-47.338	+19.368	-4	...	...	...	-37.285	-59.701	-4	51.3849	10.2
...	56.914	-22.603	-5	E	...	...	47.279	-37.221	0.85	51.3837	10.0	...	37.283	+6.811	-3	50.3963	10.3
E	56.601	-57.623	-4	51.3821	10.0	...	47.250	+8.969	1.00	50.3937	9.8	...	36.998	+24.187	-5	...	...
...	56.439	-4.375	-2	E	...	*	47.241	-51.197	1.60	51.3836	8.9	...	36.592	-15.845	-3	...	...
E	56.305	-0.965	-2	50.3920	10.3	...	47.206	+18.861	-2	...	...	...	36.387	-32.683	-5	...	...
E	-56.238	-39.599	-2	51.3822	10.0	*	-46.913	+50.655	1.15	50.3938	9.4	...	-36.283	-15.357	0.80	51.3853	10.2
*	56.211	+18.483	1.90	50.3921	9.2	*	46.741	+58.896	3.00	49.3955	8.3	...	36.072	+22.406	-2	50.3964	10.3
...	55.916	+37.503	0.95	50.3922	9.8	*	46.710	-42.987	1.40	51.3838	9.2	...	36.033	-34.114	-3	51.3852	10.2
...	55.912	-16.361	-3	E	...	n	46.615	-30.799	-3	51.3839	10.0	...	35.614	+6.020	-3	50.3965	10.3
...	55.591	+50.867	1.00	50.3925	9.8	n	46.391	-30.886	0.80	...	...	...	35.304	-15.954	-5	...	...
3I						9I						15I					
...	-55.534	+7.587	-2	...	...	...	-46.092	+5.823	-5	...	...	...	-35.298	-34.485	-1	51.3854	10.2
...	55.369	-0.511	-4	E	...	...	46.048	+21.460	0.95	50.3940	9.8	†	35.107	+34.534	0.95	50.3967	9.8
*	55.265	+21.739	1.20	50.3923	9.3	F *	45.934	-0.112	1.30	50.3939	9.4	†	35.092	-29.462	1.00	51.3855	10.0
...	54.728	+1.214	-2	50.3924	10.3	...	45.919	-31.216	0.90	51.3840	10.0	†	35.029	-11.284	-4	51.3857	10.2
...	54.594	+6.090	-4	...	...	*	45.474	+36.917	1.05	50.3943	9.6	...	34.845	-37.991	-5	...	...
...	-54.533	+28.948	-1	50.3926	9.8	...	-45.379	+15.609	0.70	50.3941	10.2	...	-34.829	-7.996	0.85	50.3966	10.2
E	54.502	-21.218	0.85	51.3826	10.2	*	45.133	-45.343	1.05	51.3841	9.8	...	34.787	27.628	0.90	51.3856	10.0
E *	54.037	-55.502	2.00	51.3823	8.9	...	45.129	+12.680	0.70	50.3942	10.3	...	34.643	+48.815	-3	50.3970	10.3
...	53.763	+23.045	0.90	50.3927	10.0	†	45.046	-18.256	-5	...	...	...	34.328	+14.191	-2	50.3968	10.3
...	53.666	-4.317	-5	E	...	...	44.869	-9.822	-3	...	...	...	34.189	-15.271	-3	...	...
4I						10I						16I					
...	-53.154	+53.487	-5	...	...	...	-44.756	-44.951	-5	...	...	*	-34.098	+5.700	0.80	50.3969	10.2
*	52.954	+41.470	1.30	50.3931	9.4	*	44.739	-3.248	1.00	50.3944	9.6	...	34.008	-49.945	-5	...	...
*	52.839	+6.239	1.00	50.3928	9.8	†	44.325	+39.859	-3	50.3945	10.2	...	33.768	+38.188	0.90	50.3971	9.8
...	52.599	+2.313	-3	50.3929	10.3	...	44.307	+59.332	-5	...	...	...	33.527	-36.286	-5	...	...
...	52.574	+29.724	-5	...	...	*	44.014	-21.526	1.00	51.3842	9.6	...	33.465	+19.081	-5	...	...
...	-52.403	+4.478	-5	...	...	...	-43.674	-27.525	-5	...	...	...	-33.155	-23.130	0.75	51.3858	10.0
...	52.127	-2.140	0.85	50.3930	10.3	...	43.378	+6.800	0.80	50.3946	10.2	†	32.750	-44.788	1.00	51.3859	9.8
E *	51.956	-44.067	1.10	51.3827	9.6	...	43.235	-32.531	-4	...	...	...	32.576	+39.748	-5	...	...
...	51.888	+52.331	-5	...	...	...	42.887	+35.925	-5	...	...	...	32.541	-15.842	-3	...	...
...	51.746	-6.198	-5	...	...	*	42.662	+7.067	1.35	50.3947	9.1	...	32.429	+44.348	0.70	50.3974	10.0
5I						11I						17I					
...	-51.669	-34.628	0.80	51.3828	10.0	...	-42.565	+3.753	-4	...	...	...	-32.371	-3.130	0.65	50.3972	10.3
...	51.663	-8.769	-5	...	...	*	42.155	+24.763	-2	50.3949	10.3	...	32.314	-35.166	-2	51.3860	10.3
...	51.500	-18.671	-4	51.3829	10.3	*	42.038	-5.712	1.40	50.3948	9.1	...	32.301	-43.100	-5	...	...
...	51.253	+18.646	-4	50.3932	10.3	*	41.840	+27.791	1.10	50.3950	9.4	...	32.250	-33.170	0.85	51.3861	10.0
...	51.213	-10.544	-3	...	...	...	41.839	-57.951	-1	51.3843	10.2	...	32.183	-39.980	-5	...	...
...	-51.160	+40.791	-5	...	...	...	-41.660	+49.448	0.90	50.3952	9.8	...	-32.074	+30.857	0.95	50.3975	9.8
...	51.034	-8.992	-5	...	...	...	41.558	-28.543	0.70	...	...	...	32.045	+59.004	-5	...	...
...	50.985	+15.797	-3	50.3933	10.3	S *	41.451	+19.452	3.70	50.3951	7.9	...	31.811	-7.720	-2	50.3973	10.3
...	50.777	-9.138	-4	...	...	...	41.285	-0.658	-2	...	...	*	31.793	-23.397	2.00	51.3862	8.9
...	50.473	+43.327	-5	...	...	...	41.142	-33.535	-5	...	...	...	31.439	-42.631	-4	...	...

L measured from 1, 127, 248, 373, 476, 578.

C " " 63, 196, 308, 429, 523, 626.

89, 90. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
181-240						241-300						301-360					
181I	-31°429	-10°690	0.70	51.3864	10.3	241I	-20°925	-49°257	-4	...	...	301I	-11°918	-32°292	0.70	51.3898	10.3
...	31°403	+33°074	-3	...	...	...	20°911	-53°105	-4	...	...	...	11°910	-54°308	-3	...	...
...	31°353	-41°988	-5	...	...	...	20°723	+8°952	-5	...	...	...	11°217	+5°517	-5	C	...
...	31°282	+25°724	0.95	50.3977	9.8	S *	20°580	-51°897	3.80	51.3877	7.8	S *	10°811	-4°822	1.70	50.4006	8.7
...	31°236	-6°307	0.70	50.3976	10.3	...	20°518	+57°258	1.00	49.3983	9.8	...	10°691	-46°750	-5	...	...
...	-31°186	+30°327	0.90	50.3979	10.0	...	-20°407	-48°962	0.95	51.3878	10.2	...	-10°313	+56°893	-3	49.4002	10.2
...	31°180	-18°629	-5	...	...	*	20°320	-23°763	1.05	51.3879	9.6	†	10°101	+47°370	-5	...	...
...	31°150	-0°973	-5	...	...	...	19°716	+46°481	-5	...	...	†	10°072	-28°761	-5	...	...
...	31°121	+1°454	-5	...	...	...	19°487	-11°670	-5	...	...	...	9°250	+13°065	-3	...	...
...	31°100	+18°276	-1	50.3978	10.3	...	19°377	+31°699	-3	...	...	...	9°234	-41°209	-5	...	...
191I	-31°084	+45°231	-5	...	...	251I	-19°261	+36°725	-3	...	...	311I	-8°903	+2°368	-4	B	...
...	31°063	-54°759	-1	51.3863	10.2	...	19°156	-31°450	0.70	51.3881	10.2	...	8°793	+21°997	-4	...	...
...	30°864	+48°610	-5	...	...	*	19°142	+22°915	1.30	50.3994	9.2	...	8°740	+34°027	0.80	50.4007	9.8
...	30°786	-54°989	-5	...	...	...	19°092	+25°566	0.75	50.3995	10.0	...	8°708	-38°926	0.85	51.3901	10.2
†	30°064	-59°541	-1	51.3865	10.2	...	19°004	+34°737	-4	...	...	...	8°622	-38°608	-5	...	...
*	-29°850	+52°237	1.25	49.3968	9.3	...	-18°977	-53°611	-5	...	...	...	-8°424	+7°208	0.65	50.4008	10.0
...	29°742	+16°565	-4	...	...	...	18°867	-23°492	-3	...	...	...	8°305	+9°676	-5	B	...
...	29°597	+53°989	-3	49.3969	10.3	...	18°508	+1°547	-4	...	...	*	7°957	+57°004	1.30	49.4006	9.4
...	29°581	+51°531	0.90	50.3981	10.0	...	18°374	-11°451	0.90	51.3882	10.0	...	7°944	-35°227	0.90	51.3902	9.8
...	29°485	+19°397	-4	...	...	...	18°338	+41°672	-3	50.3996	10.3	*	7°933	+47°358	1.00	50.4009	9.8
201I	-29°446	+23°542	-4	...	...	261I	-18°326	+25°841	-3	...	...	321I	-7°661	-2°679	0.85	50.4010	9.8
...	29°404	-9°228	-5	...	...	...	18°078	-9°522	-4	51.3883	10.2	...	7°489	-15°308	-3	51.3903	10.3
*	29°286	-22°636	0.90	51.3868	10.0	...	18°000	+41°118	0.90	50.3998	9.8	...	7°455	+46°692	0.80	50.4011	10.2
...	29°145	-7°699	0.80	50.3980	10.0	...	17°704	+53°483	-1	49.3988	10.0	...	7°192	+3°469	0.85	50.4012	10.0
...	29°055	+16°220	-5	...	...	...	17°651	-4°477	0.80	50.3997	10.0	...	7°115	-12°322	-5	...	...
...	-28°976	-21°427	-5	...	...	*	-17°559	-42°139	1.00	51.3884	9.8	...	-6°878	-58°273	-5	...	...
...	28°614	-45°185	-5	...	...	...	17°517	-19°161	-5	...	...	...	6°351	+33°176	-4	...	...
*	28°199	+37°576	1.00	50.3982	9.8	*	17°503	-2°700	1.00	50.3999	10.0	...	6°348	-27°556	-4	...	...
...	28°112	-38°890	-4	...	...	...	17°493	-15°108	-5	...	...	*	6°188	-47°973	1.00	51.3904	9.8
†	27°217	+30°017	-3	...	...	...	17°299	+33°636	0.85	50.4000	10.0	...	6°102	-16°966	-3	...	...
211I	-27°208	+30°142	-3	50.3983	10.2	271I	-17°211	-11°997	-3	51.3885	10.2	331I	-6°096	-37°796	0.80	51.3905	10.0
...	27°067	+14°472	-3	...	...	...	17°139	+55°619	-1	49.3990	9.8	...	6°053	-19°015	-2	51.3906	10.3
...	27°004	+21°697	-5	...	...	N [	16°616	+25°832	-5	...	...	...	5°888	-19°417	1.00	51.3907	9.8
...	26°426	-54°095	-2	51.3869	10.3	...	16°600	-16°365	-5	...	...	...	5°618	-6°014	-4	...	...
...	26°323	+1°280	-4	B	...	...	16°591	+35°078	0.70	50.4001	10.0	...	5°334	-25°685	-4	...	...
...	-26°052	+3°010	-3	...	...	...	-16°411	+43°608	-2	50.4002	10.0	†	-5°136	+29°656	-4	...	...
...	26°012	-1°310	0.90	50.3984	9.8	*	16°288	-53°231	1.00	51.3886	9.6	†	5°073	-46°206	-3	51.3908	10.3
...	25°967	-17°793	-4	...	...	...	16°136	-11°759	0.85	51.3887	10.0	...	5°042	-39°678	-5	...	...
*	24°725	+3°992	1.00	50.3985	9.6	...	16°058	-34°060	-3	...	...	N *	4°611	-56°942	1.05	51.3909	9.8
...	24°707	+26°130	1.00	50.3986	9.8	...	16°014	+53°224	-5	...	...	*	4°535	-2°834	1.15	50.4013	9.6
221I	-24°567	+12°720	-5	...	...	281I	-15°964	-48°771	0.80	51.3888	10.2	341I	-4°465	-50°225	-4	...	...
...	24°376	-44°308	-4	...	...	...	15°689	+9°540	-4	...	...	...	4°462	+13°543	-5	...	...
...	24°281	+35°576	-5	...	...	...	15°647	-32°771	0.80	51.3890	10.2	...	4°274	+5°696	0.75	50.4014	10.0
...	24°014	+20°981	1.00	50.3987	9.8	*	15°616	-31°486	1.00	51.3891	9.8	...	4°075	+19°223	0.80	50.4015	10.0
*	24°005	+25°193	1.20	50.3988	9.2	...	15°433	-16°125	-5	...	...	...	4°055	+8°957	-3	50.4016	10.3
*	-23°865	+19°828	1.00	50.3989	9.5	...	-14°826	+28°118	0.90	50.4003	9.8	...	-4°024	-38°702	-5	...	...
...	23°841	+44°048	1.00	50.3990	9.6	...	14°575	+45°753	-5	...	...	...	3°939	+44°707	0.70	...	...
...	23°222	+58°052	-4	...	...	...	14°502	-32°300	0.65	51.3893	10.3	...	3°652	+21°171	0.85	50.4017	10.0
...	23°066	-8°147	0.90	51.3872	10.0	*	14°407	-54°034	1.00	51.3892	10.0	...	3°387	-27°378	-4	...	...
...	22°824	+31°433	0.85	50.3992	10.0	*	14°348	-45°773	1.40	51.3894	8.5	...	3°191	+46°921	-5	...	...
231I	-22°683	+0°547	-1	50.3991	10.2	291I	-14°199	-17°796	-2	51.3895	10.2	351I	-3°059	-27°165	-3	...	...
...	22°680	-12°200	1.00	51.3873	9.6	...	13°960	+17°408	-5	...	...	...	3°014	+50°495	0.90	50.4018	9.8
†	22°606	-9°991	0.80	51.3874	10.0	...	13°829	+14°643	-5	...	...	*	2°970	-46°159	1.15	51.3911	9.6
...	22°261	-22°308	-3	...	...	...	13°533	-42°911	0.70	51.3896	10.3	...	2°889	-37°578	-3	...	...
...	22°237	-4°587	-4	...	...	*	13°372	+18°618	1.10	50.4004	9.3	...	2°779	-59°191	1.00	51.3912	9.8
...	-22°192	+25°318	-2	50.3993	10.3	...	-13°265	+22°367	0.80	50.4005	9.8	S *	-2°394	+13°647	1.70	50.4019	9.0
...	22°042	-17°132	-3	...	...	*	13°105	-43°953	1.00	51.3897	9.8	n	2°330	-34°967	0.90	51.3913	9.8
...	21°725	-27°684	-3	...	...	...	13°025	-33°881	-4	...	...	...	2°306	-6°340	-5	...	...
...	21°533	+53°642	-5	...	...	...	12°601	-13°354	-5	...	...	...	2°258	+11°020	-5	Bm	...
...	21°195	-49°499	0.95	51.3875	10.0	...	12°600	-39°249	-2	...	...	n	2°250	-35°069	0.85	51.3913	9.8

272. Mass. 50° 56, two stars.

339. Var. L = 9.8 - 10.7.

357. 360. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-420						421-480						481-540					
36I	-1.934	-11.693	0.80	51.3916	10.0	42I	+8.487	-7.750	1.00	50.4035	9.8	48I	+21.376	-30.297	0.80	51.3970	10.2
...	1.928	-39.930	-5	...	...	...	9.029	-24.610	-4	51.3941	10.3	...	21.455	-14.493	-5	...	...
...	1.615	+4.695	-3	50.4020	10.2	*	9.233	-51.588	1.00	51.3942	9.8	...	21.538	+50.752	-4	...	...
*	1.579	-47.188	1.35	51.3917	9.2	...	9.440	+33.574	-3	50.4036	10.3	*	22.108	+23.348	1.00	50.4049	9.4
...	1.529	+31.413	-3	50.4021	10.3	...	9.449	-37.090	0.80	51.3943	10.0	...	22.178	-23.197	-2	...	...
...	-1.283	-49.454	-2	51.3918	10.2	...	+9.608	+29.455	-5	...	...	...	+22.250	+9.537	-3	50.4050	10.3
...	1.171	+6.786	-4	50.4022	10.3	...	9.654	+9.079	0.90	50.4037	9.8	...	22.431	-14.080	0.80	51.3971	10.2
...	1.093	+5.912	-4	m	...	†	9.726	-34.889	0.80	51.3944	10.0	...	22.648	+18.107	0.90	50.4051	9.8
...	1.052	+49.262	-4	...	...	...	10.270	-41.512	-4	...	...	...	22.715	-54.009	-4	51.3974	10.3
...	0.760	+37.265	-5	M	...	*	10.491	-20.482	1.05	51.3945	9.8	...	22.746	-55.102	-3	51.3973	10.2
37I	-0.707	-51.304	1.25	51.3919	9.6	43I	+10.603	-33.225	-5	...	...	49I	+22.774	-37.258	1.20	51.3972	9.3
...	0.612	-26.652	-3	...	...	...	10.664	+58.252	0.85	49.4042	10.0	...	23.029	-16.115	0.75	51.3975	10.0
†	-0.083	+6.374	-4	50.4023	10.3	...	11.210	-38.455	0.75	51.3946	10.2	S	23.133	+43.548	1.00	50.4052	9.4
...	+0.062	+32.520	0.80	50.4024	10.0	...	11.360	-17.933	0.85	51.3947	10.0	...	23.159	+36.877	-3	50.4053	10.3
...	0.090	-11.181	0.85	51.3920	10.0	...	11.448	-13.886	-2	51.3948	10.2	...	23.310	-47.899	-4	51.3976	10.3
...	+0.119	+26.260	-2	50.4025	10.3	*	+11.488	+8.063	1.05	50.4038	9.8	...	+23.430	-39.217	-5	...	...
...	0.437	-40.005	0.90	51.3922	10.0	...	12.101	+5.625	-4	50.4039	10.3	...	23.926	-5.667	-2	50.4054	10.2
...	0.904	-3.922	-3	50.4026	10.2	...	12.259	+44.132	0.85	50.4040	10.0	*	24.338	-47.502	1.00	51.3977	9.6
...	1.571	-51.086	-5	...	...	...	12.341	-22.219	-5	...	...	*	24.564	-44.710	1.10	51.3978	9.3
...	1.606	-8.346	0.80	51.3924	10.0	...	12.377	-5.616	-3	50.4041	10.2	...	25.054	-49.466	-3	51.3979	10.2
38I	+1.082	+53.603	-5	...	...	44I	+12.799	+10.145	1.00	50.4042	9.6	50I	+25.113	-51.870	1.05	51.3980	9.6
...	2.052	+54.435	-4	49.4020	10.2	...	13.195	-56.469	-1	51.3950	10.0	...	25.271	+24.497	-5	...	...
...	2.093	-14.405	0.80	51.3925	10.0	*	13.332	-20.944	1.10	51.3949	9.6	...	25.287	-45.180	-4	...	...
...	3.047	-48.067	-4	51.3926	10.3	*	13.443	+29.556	1.00	50.4043	9.8	...	25.326	+27.683	0.90	50.4055	10.0
...	3.179	-42.519	0.70	51.3927	10.3	...	13.621	+27.260	-2	50.4044	10.0	...	25.396	+32.223	0.70	50.4056	10.2
†	+3.206	-49.803	-5	...	...	...	+13.846	-53.917	-5	...	...	...	+25.445	+22.531	-3	50.4058	10.2
...	3.284	-1.061	-3	...	...	...	14.079	-11.091	0.75	51.3951	10.0	...	25.477	+28.434	-3	50.4057	10.2
...	3.292	-34.087	-5	...	...	*	14.085	+6.427	1.40	50.4045	8.9	*	26.106	+16.938	1.05	50.4059	9.4
*	3.393	+25.531	1.00	50.4027	9.4	...	14.575	-47.707	-2	...	...	...	26.196	-40.967	0.85	51.3982	10.0
...	3.458	+25.959	-5	50.4028	10.3	...	14.654	+2.298	-5	...	...	...	26.416	-50.926	0.90	51.3983	10.0
39I	+3.652	-36.101	-2	...	...	45I	+14.780	-57.702	1.95	51.3952	8.5	51I	+26.417	+33.332	-2	50.4060	10.3
...	4.213	-8.890	-5	...	...	S	15.009	-33.834	1.00	51.3953	9.8	*	26.722	-38.886	1.05	51.3984	9.2
*	4.413	-8.336	0.95	51.3928	9.8	...	15.236	-26.756	-4	...	...	...	26.737	-51.349	-5	...	...
...	4.545	-46.395	1.00	51.3930	9.8	...	15.403	-30.846	0.70	51.3955	10.2	...	26.739	+17.122	-2	50.4061	10.3
*	4.611	-21.519	1.00	51.3929	9.8	...	15.786	-51.376	1.00	51.3956	10.0	...	26.843	-23.532	0.90	51.3985	10.0
*	+4.684	+36.533	1.00	50.4029	9.6	...	+16.344	-55.684	0.85	51.3959	10.0	...	+27.285	+17.168	-5	...	...
...	4.703	-25.147	-5	...	...	...	16.437	-13.385	0.65	51.3958	10.2	*	27.383	-20.052	1.00	51.3986	9.8
...	4.732	+26.460	-2	50.4030	10.2	...	16.852	-35.130	-5	...	...	...	27.646	+50.083	0.90	50.4062	9.8
+	4.877	+58.259	1.00	49.4024	9.6	*	16.859	-41.425	1.00	51.3960	9.8	*	28.384	-58.414	1.15	51.3987	9.3
†	4.963	+44.537	-1	50.4031	10.0	...	16.888	-36.347	0.85	51.3961	10.0	...	29.411	+19.053	-5	...	...
40I	+4.988	-43.642	-4	...	...	46I	+17.003	-47.956	-3	...	...	52I	+29.630	-51.902	-3	51.3988	10.2
...	5.167	+18.099	-4	...	...	a*	17.155	+0.182	1.70	50.4046	8.6	...	29.723	+12.699	-5	...	...
...	5.242	-3.962	0.70	50.4032	10.2	...	17.160	-33.989	0.80	51.3962	10.2	†	29.839	-18.622	-5	...	...
...	5.285	-17.500	0.75	51.3931	10.0	*	17.462	+20.696	1.00	50.4047	9.6	...	30.070	+44.133	0.65	50.4063	10.2
*	5.959	+6.269	1.20	50.4033	9.0	...	17.706	-4.435	-2	...	...	...	30.072	-1.744	-3	50.4064	10.3
...	+5.977	+22.495	0.95	50.4034	9.8	...	+17.761	-56.282	0.65	51.3964	10.2	...	+30.090	-47.056	0.75	51.3989	10.3
...	6.014	-9.592	-4	51.3932	10.2	...	17.852	-38.347	0.80	51.3963	10.2	...	30.571	-15.541	-4	...	...
...	6.159	-8.667	-3	51.3933	10.3	...	18.083	-41.792	-1	51.3966	10.3	...	30.673	+26.026	0.80	50.4065	10.2
...	6.508	+0.415	-3	β	...	...	18.102	+2.059	-5	...	...	*	30.743	-15.604	1.90	51.3990	8.5
...	7.307	+12.206	-5	...	...	...	18.132	+42.007	-5	...	...	...	30.887	+39.758	-4	...	...
41I	+7.375	-14.420	-5	...	...	47I	+18.440	-44.306	-5	...	...	53I	+31.056	-20.954	1.30	51.3991	9.2
...	7.629	-50.203	-4	...	...	S	18.735	-10.991	2.90	51.3967	8.5	*	31.221	-30.306	1.05	51.3993	9.6
...	7.769	+25.846	-5	...	...	...	18.887	-6.391	-3	...	...	...	31.455	+33.254	-4	...	...
...	7.820	-23.970	-3	51.3935	10.2	...	19.282	+57.062	-5	...	...	...	31.710	+16.143	0.70	50.4066	10.0
...	7.904	-40.528	0.90	51.3936	10.0	...	19.380	-57.807	-4	...	...	...	31.940	+18.731	-4	...	...
...	+8.012	-13.291	-1	51.3937	10.0	...	+20.440	-36.336	-2	...	...	*	+32.196	-2.417	1.35	50.4067	9.2
...	8.067	-44.156	-3	...	...	*	20.679	+52.921	1.10	49.4054	9.6	...	32.476	-25.122	0.90	51.3994	10.2
...	8.149	-15.432	0.80	51.3938	10.2	...	20.704	-56.867	-4	...	...	...	32.580	+31.467	-2	...	...
...	8.352	+24.871	-5	...	...	n	20.758	+40.825	-3	50.4048	10.3	...	32.771	-28.573	-3	...	...
...	8.356	-47.600	-3	51.3939	10.3	n	20.894	+41.032	-5	...	...	...	32.779	-21.280	-3	51.3995	10.2

479, 480. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
541-600						601-660						661-677					
54I	+33°047	-25°578	-4	...	...	60I	+43°688	+12°025	2.80	50.4084	8.0	66I	+56°59I	+14°635	1.10	50.4093	9.6
...	33°058	-19°97I	0.90	51.3996	9.8	S *	44°069	+52°682	-1	49.409I	10.0	e	56°700	-30°066	1.00	51.404I	9.8
*	33°167	-0°447	-3	...	...	...	44°476	-4°622	0.90	50.4086	10.0	e	56°836	-35°800	0.75	51.4043	10.2
*	33°268	+14°373	2.00	50.4068	8.4	...	44°595	-47°769	-5	...	...	...	56°934	-25°122	-4	e	...
...	33°688	-24°078	-5	...	...	†	44°807	+45°630	1.00	50.4085	9.4	e *	57°060	-44°087	1.05	51.4044	9.8
*	+33°779	-8°809	1.00	51.3997	9.8	...	+44°913	-2°68I	-4	...	...	...	+57°318	-52°703	-5	...	...
*	33°824	-36°244	1.10	51.3998	9.6	...	44°954	-28°015	-5	...	...	e	57°465	-36°602	0.75	51.4046	10.2
...	33°929	+32°168	0.70	50.4069	10.0	...	45°685	-13°656	-5	...	...	...	57°546	+28°658	0.80	50.4095	10.0
...	33°953	-15°528	-5	...	...	...	45°948	-45°136	-4	...	...	S e *	57°715	-20°933	2.10	51.4045	8.6
...	34°389	+57°424	-3	49.4079	10.3	*	46°169	+14°867	1.00	50.4087	9.6	...	57°743	-27°220	-3	e	...
55I	+34°620	-26°169	-3	...	...	61I	+46°19I	-42°602	-5	...	...	67I	+58°580	-3°63I	1.20	50.4098	9.4
...	34°720	-32°189	1.00	51.3999	9.8	...	46°256	-45°314	-5	...	...	e *	58°660	-54°343	-4	51.4048	10.3
...	35°369	+40°81I	-3	...	...	...	46°335	-23°582	0.70	51.4016	10.2	e	58°759	+20°469	0.85	50.4096	10.2
...	35°566	+45°766	0.90	50.4070	10.0	...	46°376	-7°237	-5	...	...	*	59°132	+25°315	1.05	50.4097	9.6
†	35°852	-29°838	0.90	51.400I	9.8	...	46°485	-18°759	0.65	51.4015	10.2	e	59°424	-26°127	0.65	51.4049	10.2
...	+36°010	+59°259	-3	49.4084	10.0	...	+46°523	+51°573	-4	49.4095	10.3	e	+59°54I	-16°378	-3	51.4050	10.3
...	36°030	+59°50I	1.00	49.4083	9.8	*	46°607	-40°062	1.15	51.4017	9.3	...	59°644	+3°654	-4	...	...
...	36°275	-14°267	-3	...	...	...	46°877	-26°618	-2	51.4018	10.3	...					
...	36°469	+12°036	-5	...	...	...	47°147	-27°186	0.95	51.4020	10.0	...					
...	36°92I	+22°274	-3	...	...	...	47°250	-1°045	1.00	50.4088	9.8	...					
56I	+36°977	-29°256	1.70	51.4002	9.1	62I	+47°613	+31°29I	-4	...	...	...					
...	37°015	+1°993	-5	...	...	...	48°683	+51°135	-5	50.4089	10.3	...					
...	37°204	+51°87I	-1	49.4085	10.0	...	49°147	-36°807	1.00	51.4022	9.6	...					
...	37°27I	+43°098	-3	50.407I	10.2	...	49°386	+46°202	-5	...	...	...					
...	37°314	+18°31I	-3	...	...	†	49°67I	+1°948	0.95	50.4090	9.8	...					
...	+37°354	+51°088	-5	...	...	...	+49°862	-36°31I	1.00	51.4023	9.6	...					
*	37°385	+6°062	1.00	50.4072	9.8	...	50°033	-48°664	-2	...	...	...					
...	37°689	-58°830	-5	...	...	*	50°124	-26°989	1.60	51.4024	8.8	...					
...	37°780	-26°348	0.95	51.4003	10.0	...	50°232	-35°323	-5	...	...	...					
*	37°868	-0°249	1.20	50.4073	9.4	...	50°308	-59°639	-3	51.4025	10.2	...					
57I	+37°973	+38°967	-5	...	...	63I	+50°67I	+14°440	-4	...	...	...					
...	38°008	-54°638	-4	...	...	*	50°717	-38°925	1.15	51.4026	9.6	...					
...	38°380	-16°08I	0.90	51.4004	10.0	...	50°753	-39°985	-5	...	...	...					
*	38°590	+27°819	1.15	50.4074	9.4	...	50°835	-27°043	-4	51.4028	10.3	...					
...	38°884	+41°579	-4	...	...	...	50°936	-35°229	0.65	51.4027	10.2	...					
...	+39°17I	-6°01I	-3	...	...	...	+50°974	-42°620	-2	51.4030	10.2	...					
...	39°529	+20°526	-5	...	...	...	51°08I	+30°298	-4	...	...	...					
...	39°966	+50°127	1.00	50.4075	9.8	...	51°488	-10°742	0.85	51.4029	10.0	...					
...	40°394	-5°956	0.80	50.4078	10.0	*	51°554	-27°215	1.40	51.403I	8.9	...					
...	40°522	-40°032	-5	...	...	...	51°576	-34°394	-5	51.4032	10.3	...					
58I	+40°545	-32°936	-4	...	...	64I	+51°577	+18°012	-5	...	...	...					
...	40°56I	-46°42I	-5	...	...	e	51°640	-45°365	0.85	51.4033	10.0	...					
...	40°589	+15°774	-2	50.4077	10.2	...	51°753	+33°698	-5	...	...	...					
...	40°717	+49°528	-3	50.4076	10.0	...	52°207	+51°258	-5	...	...	...					
*	40°974	-38°136	1.10	51.4005	9.6	...	52°385	+3°598	-2	...	...	...					
*	+41°014	-48°865	1.35	51.4006	8.8	...	+52°826	-40°695	-5	e	...	...					
...	41°404	+28°757	-5	...	...	e	53°328	-54°67I	-1	51.4035	10.2	...					
...	41°54I	-17°644	0.90	51.4007	10.0	e	53°61I	-0°40I	0.90	50.409I	10.0	...					
...	41°702	-40°736	1.00	51.4008	9.8	e	53°859	-40°118	-1	51.4036	10.2	...					
...	41°736	-56°547	-5	...	...	e	54°208	-48°533	0.85	51.4038	10.0	...					
59I	+41°762	+21°19I	-3	...	...	65I	+54°357	+52°983	-1	49.4104	10.0	...					
...	41°793	+43°618	1.15	50.4079	9.3	...	54°61I	-2°44I	-5	...	...	...					
*	41°824	+21°09I	1.00	50.4080	9.6	e	55°448	-42°506	1.05	51.4039	9.8	...					
...	42°203	+2°64I	-4	...	...	...	55°455	+57°909	-3	49.4105	10.0	...					
...	42°244	-13°529	-5	...	...	e *	56°110	-59°337	1.20	51.4042	9.6	...					
...	+42°284	-15°852	-3	50.4081	10.3	...	+56°148	-37°87I	-5	...	...	...					
...	42°639	-57°858	-5	51.4010	10.3	n	56°233	+1°720	-2	50.4092	10.0	...					
...	43°070	+18°865	-2	50.4082	10.2	e *	56°245	-46°334	1.80	51.4040	9.1	...					
*	43°387	-59°104	2.00	51.4014	9.0	n	56°264	+1°638	-3	50.4092	10.0	...					
...	43°589	+37°932	-1	50.4083	10.0	e	56°547	-2°096	0.70	50.4094	10.3	...					

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I						6I						I2I					
E	-59.831	-45.534	-3	51.4033	10.0	...	-46.101	-36.118	-4	...	...	...	-34.690	-0.344	-5	...	...
E	59.683	-0.511	1.00	50.4091	10.0	...	46.058	+14.562	-5	...	...	...	34.392	-50.331	-3	51.4075	10.0
...	58.815	-40.828	-5	E	...	...	45.975	-21.672	-3	51.4059	10.3	...	34.356	-42.029	-3	51.4076	10.2
E	57.828	-40.204	-3	51.4036	10.2	...	45.729	+53.403	-5	...	...	...	34.116	+26.087	-5	...	...
E†	57.758	-54.759	-5	51.4035	10.2	...	45.267	-2.068	-5	...	...	*	33.864	+48.433	1.10	50.4134	9.2
*	-57.317	+14.625	1.20	50.4093	9.6	...	-45.237	-6.022	-2	...	...	...	-33.738	-24.172	0.75	51.4077	10.0
...	57.155	+1.704	-2	...	...	...	45.062	-33.753	-5	...	...	...	33.518	+52.915	-3	49.4156	10.2
...	57.122	+1.629	-4	50.4092	10.0	†	45.017	+26.872	0.95	50.4114	9.8	...	33.395	+50.375	-3	50.4135	10.2
E	57.141	-48.582	-5	51.4038	10.0	†	45.017	-53.610	-1	51.4060	10.0	...	32.995	+58.309	-1	49.4157	9.8
...	56.923	+28.669	-2	50.4095	10.0	...	45.008	-29.117	-4	51.4061	10.3	...	32.480	-0.446	-5	...	...
II						7I						I3I					
E	-56.685	-2.093	-2	50.4094	10.3	*	-44.533	-24.153	1.40	51.4062	9.0	...	-32.408	-51.729	-2	51.4078	10.2
E	56.140	-42.514	-1	51.4039	9.8	*	44.212	-30.573	1.05	51.4063	9.6	...	32.230	-45.585	1.00	51.4079	10.0
...	55.389	+20.541	0.70	50.4096	10.2	*	43.951	+38.944	1.10	50.4116	9.4	*	32.193	-20.083	2.00	51.4080	9.1
E	55.381	-30.042	1.00	51.4041	9.8	†	43.761	+5.030	-4	...	...	...	30.836	+43.160	1.00	50.4137	9.8
...	55.346	-25.087	-5	E	...	*	43.505	+54.043	2.10	49.4133	8.6	...	30.756	+16.655	-3	50.4136	10.3
†	-55.223	+49.954	-4	50.4100	10.2	...	-43.432	-5.120	-3	...	...	...	-30.713	+51.924	-1	49.4159	10.0
*	55.214	+25.401	1.00	50.4097	9.6	...	43.345	-5.494	0.85	50.4115	10.2	*	30.262	-14.427	1.00	51.4083	9.6
E*	55.187	-46.306	1.35	51.4040	9.1	...	43.164	+27.518	0.65	50.4117	10.0	...	29.927	-54.916	0.75	51.4082	10.0
E	55.020	-35.757	-3	51.4043	10.2	*	42.794	-31.764	1.00	51.4064	9.7	...	29.752	-59.371	-5	...	...
S†	54.990	+36.612	2.90	50.4099	8.2	*	42.778	+49.179	1.50	50.4118	9.0	...	29.750	+17.097	-4	...	...
2I						8I						I4I					
†	-54.806	+47.351	1.10	50.4101	9.3	...	-42.457	-11.194	1.00	51.4065	9.8	...	-29.730	+27.726	-4	...	...
E	54.784	-59.326	1.00	51.4042	9.6	...	42.362	-6.282	-5	...	...	...	29.609	+30.696	-3	...	...
SE*	54.744	-20.867	2.05	51.4045	8.6	...	42.218	-6.444	-4	...	...	...	29.257	+13.991	-5	...	...
...	54.637	+44.039	-2	50.4102	10.0	...	41.680	+4.537	0.75	50.4119	10.2	...	29.019	+38.082	-3	50.4140	10.3
E*	54.599	-3.543	1.15	50.4098	9.4	†	41.364	-54.833	-1	51.4066	10.0	...	28.862	+40.198	-5	...	...
...	-54.465	+48.124	1.10	50.4103	9.5	...	-41.309	-24.606	0.90	51.4067	9.8	...	-28.854	-57.547	-1	51.4084	10.0
...	54.465	-27.143	-3	E	...	...	41.185	-26.902	-5	...	...	...	-28.833	+40.893	0.70	50.4141	9.8
E	54.465	-44.030	1.00	51.4044	9.8	...	41.179	-51.419	-5	...	...	...	28.774	-4.670	-2	50.4138	10.0
E	54.353	-36.528	-2	51.4046	10.2	†	41.053	+24.941	0.90	50.4120	9.8	*	28.747	-6.699	1.00	50.4139	9.8
...	53.951	-1.423	-5	...	...	...	41.012	+11.670	-3	...	...	...	28.018	+3.657	0.70	50.4142	10.2
3I						9I						I5I					
*	-53.816	+3.785	-4	...	...	*	-40.588	+56.922	1.05	49.4142	9.5	...	-27.935	-51.778	-1	51.4085	10.2
...	53.315	+26.104	2.00	50.4104	8.7	...	40.230	+45.015	1.00	50.4121	9.8	...	27.492	-47.259	-1	51.4086	10.2
E	53.111	-16.246	-5	51.4050	10.3	...	40.165	+3.108	-3	...	...	...	27.257	-21.010	-5	...	...
E	52.826	-25.991	-1	51.4049	10.2	...	39.536	+17.438	-2	50.4122	10.3	...	27.249	-45.319	-2	51.4089	10.2
...	52.475	+53.125	-5	49.4122	10.3	...	39.356	-29.684	-3	...	...	...	27.201	-59.715	-3	51.4087	10.2
...	-52.470	+2.170	0.75	50.4105	10.2	...	-39.348	-1.976	-4	...	...	...	-27.186	-57.722	-1	51.4088	10.0
E	52.444	-54.210	-5	51.4048	10.3	...	39.150	-49.367	-5	...	...	...	27.055	+8.281	1.00	50.4143	9.8
*	51.644	-42.648	1.25	51.4051	9.2	...	39.125	-26.682	-3	...	...	S*	26.681	-56.825	2.80	51.4090	7.9
...	51.291	+34.446	-5	...	...	...	39.017	+35.361	-3	50.4123	10.2	...	26.389	-45.117	-2	...	...
*	50.249	+26.115	1.00	50.4107	9.6	...	38.690	+10.236	-3	...	...	...	26.142	+43.681	-5	...	...
4I						IOI						I6I					
S*	-50.233	+7.920	2.60	50.4106	8.2	...	-38.474	+53.524	-1	49.4146	9.8	...	-26.040	-54.063	-3	...	...
...	50.007	+51.741	1.00	49.4127	9.8	...	38.381	-35.151	1.00	51.4069	9.8	*	25.968	+40.953	1.15	50.4144	9.0
...	49.834	+21.010	0.85	50.4108	10.0	...	38.111	+44.596	-1	50.4124	10.0	...	25.883	-19.242	1.00	51.4091	9.8
...	49.641	+4.042	-3	...	...	...	37.705	+13.209	1.00	50.4125	9.8	...	25.824	+44.778	0.70	50.4145	10.0
...	49.287	-37.826	-4	...	...	...	37.665	-55.340	-4	51.4070	10.2	...	25.574	-10.857	-4	51.4092	10.2
*	-49.201	-21.000	1.20	51.4054	9.4	...	-37.603	-47.506	-3	51.4071	10.2	*	-25.538	+43.274	1.70	50.4146	8.4
...	49.148	+16.126	-4	...	...	...	37.491	+44.210	-3	50.4127	10.2	...	25.322	-27.625	-1	51.4093	10.3
...	48.970	+25.785	-5	...	...	...	37.453	+33.646	-3	...	...	...	25.100	+23.943	0.70	50.4147	10.2
...	48.962	-41.856	-5	...	...	*	37.232	+21.858	1.20	50.4126	9.2	...	24.105	-10.459	1.00	51.4095	9.8
...	48.899	+9.899	1.00	50.4109	9.8	...	37.054	-9.713	-3	51.4072	10.3	...	24.034	+20.824	-4	...	...
5I						III						I7I					
*	-48.706	-47.606	1.10	51.4053	9.4	...	-36.490	+48.233	-5	...	...	*	-24.006	+2.718	1.50	50.4148	8.8
...	48.113	-46.947	-5	...	...	...	36.431	+6.879	-1	50.4128	10.2	*	23.932	-34.634	1.40	51.4094	9.0
...	47.763	-1.890	0.85	50.4110	10.2	...	36.218	+47.472	-1	50.4129	10.0	...	23.637	-32.615	-4	...	...
...	47.686	+19.253	0.80	50.4111	10.2	...	35.721	-34.976	-2	51.4073	10.3	...	22.995	-19.230	0.95	51.4096	9.8
*	47.418	-31.935	1.50	51.4056	8.9	*	35.701	+51.250	1.10	...	...	...	22.928	-37.331	-4	...	...
*	-47.191	+15.947	1.20	50.4112	9.4	*	-35.641	+51.262	1.05	50.4131	9.3	...	-21.877	+17.358	0.90	50.4149	10.0
...	47.161	-29.285	-5	...	...	*	35.559	+28.453	1.80	50.4130	8.8	...	21.807	+52.273	0.75	49.4171	10.0
*	46.719	+47.505	1.10	50.4113	9.6	...	35.199	+41.982	0.85	50.4133	10.0	...	21.569	+10.304	-4	50.4150	10.3
*	46.487	+10.256	-3	...	...	...	35.176	+35.073	-2	50.4132	10.2	...	21.536	-47.345	1.00	51.4098	9.8
*	46.468	-53.724	1.15	51.4058	9.4	†	35.024	-17.026	1.00	51.4074	9.8	...	21.278	-36.726	-5	...	...

§ 10.8 = D, - 5.

L measured from 1, 94, 188, 305, 414, 526.

C " " 43, 138, 247, 354, 460.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
18I	-20.904	+12.375	-3	50.4151	10.2	24I	-11.058	+16.735	-5	...	...	30I	-0.949	-25.337	-2	...	...
...	20.697	+56.908	0.65	49.4172	10.0	...	10.875	+8.396	0.80	50.4166	9.7	...	0.836	+3.987	-1	50.4182	9.9
...	20.652	-39.777	-5	...	...	...	10.783	+21.178	1.00	50.4167	9.4	...	0.693	-16.803	-4	...	...
*	20.645	-20.581	1.20	51.4099	9.4	...	10.227	+15.972	0.85	50.4168	9.8	...	-0.552	+35.680	-5	...	...
...	20.436	-21.301	0.70	51.4100	10.0	†	10.178	-23.352	0.90	51.4124	9.5	...	+0.157	-1.304	0.95	50.4183	9.7
...	-20.403	+5.879	0.65	50.4152	10.0	...	-10.172	-27.609	-3	...	...	...	+0.428	-0.829	-5	...	...
...	20.391	-10.512	1.00	51.4101	9.8	...	9.665	-40.648	-4	...	...	...	0.435	-40.047	-3	51.4143	9.8
...	19.909	-38.869	-5	...	...	...	9.369	-16.032	-3	...	...	...	0.647	+45.457	0.85	50.4184	9.6
*	19.735	-35.507	1.15	51.4102	9.2	*	9.293	+4.629	1.20	50.4169	9.3	...	0.807	-26.181	1.00	51.4144	9.5
...	19.637	-32.440	-4	...	...	...	9.281	-49.261	-4	...	...	...	1.394	-32.708	-4	...	...
19I	-19.271	-26.922	-3	51.4104	10.3	25I	-9.011	-12.823	-5	...	...	31I	+1.417	-24.292	-5	...	...
...	18.860	-54.356	-4	...	...	...	8.948	-0.462	0.80	50.4170	9.7	...	1.654	+20.256	-5	...	...
*	18.816	-0.134	1.20	50.4153	9.2	...	8.923	-39.413	0.70	51.4126	9.9	a m	1.694	+0.736	0.80	50.4185	9.9
...	18.796	+58.513	-3	49.4174	10.2	*	8.876	+38.974	1.00	50.4171	9.6	...	1.716	-27.219	-5	...	...
*	18.732	-25.778	1.00	51.4105	9.6	...	8.597	+54.102	-5	...	...	...	1.734	+24.536	-5	...	...
...	-18.724	-47.376	-5	...	...	...	-8.535	-33.305	-5	...	...	...	+1.838	+41.878	-4	...	...
...	18.318	-22.078	-3	...	...	...	8.333	+2.855	-2	50.4172	9.9	...	2.002	-20.041	0.90	51.4145	9.6
...	18.286	-14.317	-5	...	...	...	8.325	-30.218	-3	...	...	...	2.257	-7.322	-5	...	...
...	18.100	-41.796	0.85	51.4107	10.0	...	8.296	-8.448	-5	...	...	...	2.439	+50.763	-5	...	...
...	17.962	-26.243	-3	51.4109	10.3	...	8.095	-0.905	-5	...	...	S *	2.457	+45.708	3.00	50.4186	7.9
20I	-17.675	-8.865	0.95	51.4111	9.5	26I	-7.749	+33.311	1.00	50.4173	9.6	32I	+2.559	-5.857	-5	...	...
...	17.454	-24.646	-5	...	...	...	7.273	-56.469	0.90	51.4127	9.8	...	2.753	-23.103	-4	...	...
...	17.295	+25.597	0.70	50.4154	10.2	...	7.202	-58.933	1.05	51.4128	9.5	...	3.234	+32.166	1.00	50.4187	9.6
...	16.987	+48.759	-3	50.4155	10.2	...	6.949	-53.007	-3	...	...	...	3.246	-25.842	-1	51.4146	9.7
...	16.973	-26.381	-5	...	...	...	6.618	+41.348	0.65	50.4174	9.9	...	3.255	+9.311	1.00	50.4189	9.6
...	-16.901	-6.243	-4	...	...	...	-6.500	+17.141	-5	...	...	*	+3.361	+41.445	1.25	50.4188	9.2
...	16.806	+45.241	-3	50.4156	10.2	...	6.266	-16.464	0.80	51.4130	9.9	...	3.517	+8.085	-5	...	...
...	16.792	-43.944	-5	...	...	...	6.034	-53.782	-4	...	...	*	3.948	+37.840	1.25	50.4190	9.1
...	16.534	+10.941	0.90	50.4157	9.8	...	5.956	+37.919	1.00	50.4175	9.7	...	4.110	-28.441	0.90	51.4147	9.7
...	16.485	+23.606	1.00	50.4158	9.8	...	5.944	+35.458	0.75	50.4176	9.8	†	4.188	+34.879	-5	...	...
21I	-16.121	+34.620	-5	...	...	27I	-5.783	-11.646	0.75	51.4131	9.9	33I	+4.374	+47.813	0.70	50.4191	9.9
...	16.110	-10.073	-5	51.4115	10.3	...	5.396	-51.021	-3	51.4132	9.9	...	4.774	-30.528	-2	...	...
*	15.947	-40.646	1.35	51.4114	8.8	*	5.207	+47.051	1.15	50.4177	9.4	*	4.972	+20.778	1.40	50.4192	9.0
...	15.929	+47.243	-2	50.4159	10.0	...	5.175	-51.085	-5	...	...	...	5.213	-7.843	0.75	50.4195	9.8
...	15.618	-56.504	-1	51.4116	10.0	...	5.168	+42.185	-3	...	...	a	5.217	+0.436	1.00	50.4193	9.5
...	-15.598	-38.046	-5	...	...	†	-5.070	-58.323	1.00	51.4133	9.6	*	+5.469	+48.716	1.10	50.4194	9.4
...	15.213	-45.450	-5	...	...	...	4.985	-45.205	-5	...	...	...	5.855	+20.054	-3	50.4196	9.9
...	14.960	-27.394	-3	51.4117	10.2	*	4.936	+4.910	1.10	50.4178	9.4	...	5.966	-49.679	1.00	51.4149	9.5
...	14.705	-21.270	-3	51.4118	10.3	...	4.736	-27.743	-4	...	...	*	6.086	-55.705	1.10	51.4150	9.5
...	14.558	-20.345	-3	51.4119	10.3	...	4.624	+35.496	-5	...	...	...	6.728	+42.450	0.90	50.4197	9.7
22I	-14.408	-28.727	1.05	51.4120	9.3	28I	-4.584	-48.392	-3	...	...	34I	+7.528	-15.016	0.70	51.4151	9.7
S *	14.358	+30.836	1.15	50.4160	9.4	...	4.513	+44.508	-5	...	...	...	7.569	-38.933	-3	...	...
*	13.849	-29.131	1.00	51.4122	9.5	...	4.044	-8.762	-4	...	...	...	7.747	-48.766	-2	...	...
...	13.192	-49.374	-3	...	...	*	3.977	-27.111	1.10	51.4134	9.3	n	8.271	-46.624	-3	51.4154	9.9
...	12.870	+29.280	-5	...	...	*	3.908	+16.734	1.70	50.4179	8.7	...	8.312	-16.162	0.70	51.4153	9.9
...	-12.869	+43.850	-1	50.4162	10.0	...	-3.433	+28.505	-4	50.4180	9.9	n	+8.460	-46.732	-4	51.4154	9.9
...	12.756	+14.324	-3	50.4161	10.3	...	3.365	-43.170	0.70	51.4135	9.9	...	8.751	+21.587	-5	...	...
...	12.634	-16.829	-5	...	...	...	3.217	-11.651	1.00	51.4136	9.6	...	8.993	-4.036	-2	50.4198	9.8
...	12.532	+15.891	0.90	50.4163	9.8	...	3.135	-11.134	-3	...	...	...	9.016	-35.594	-5	...	...
...	12.449	+28.731	0.90	50.4164	9.8	...	3.103	-30.371	0.85	51.4137	9.7	...	9.077	-50.389	0.80	51.4156	9.9
23I	-12.271	-27.359	-5	...	...	29I	-2.921	-57.621	-5	...	...	35I	+9.319	+6.585	-4	...	...
...	12.126	-17.193	-4	...	...	...	2.806	-14.711	0.75	51.4138	9.9	...	9.360	-7.089	0.90	50.4199	9.7
...	12.089	-14.125	-5	...	...	...	2.446	-43.011	0.70	51.4139	9.9	...	9.510	-0.238	-1	50.4200	9.9
S *	12.080	+21.632	2.00	50.4165	8.7	†	2.106	-49.858	-5	...	...	...	10.072	-40.314	-4	...	...
...	12.046	-15.861	-3	...	...	...	2.073	+37.546	-2	50.4181	9.9	...	10.118	+47.828	-3	...	...
...	-11.569	-59.538	-3	51.4123	9.9	...	-1.948	-47.314	1.00	51.4140	9.6	...	+10.166	+57.253	0.75	49.4213	9.9
...	11.365	+33.310	-5	...	...	...	1.888	-1.467	-4	...	...	...	10.199	-19.705	-5	...	...
...	11.315	+24.699	-5	...	...	...	1.886	-37.593	-2	...	...	*	10.207	+58.588	1.50	49.4212	9.0
...	11.239	+8.592	-5	...	...	*	1.743	-59.224	1.25	51.4141	9.2	...	10.316	+37.344	-5	...	...
...	11.190	+0.565	-4	...	...	...	1.686	-44.522	1.00	51.4142	9.7	...	10.358	-5.728	0.65	50.4201	9.9

M
§ 10.8 = D, -5.
344, 346. C.P.D., probably mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-420						421-480						481-540					
36I	+10.447	-25.342	-5	...	...	42I	+21.144	+51.345	1.00	50.4219	9.7	48I	+34.732	-5.603	1.40	50.4230	8.9
*	10.585	-34.516	1.20	51.4157	9.4	...	21.172	+57.232	-1	49.4228	9.8	†	34.765	-26.928	0.70	51.4196	9.9
...	10.793	+12.556	-3	50.4202	9.9	...	21.815	+18.938	0.80	50.4221	9.9	*	35.082	-50.457	1.40	51.4198	9.2
*	11.082	+14.356	1.10	50.4203	9.4	...	21.896	-22.402	-3	...	...	...	35.301	+16.652	-5	...	...
...	11.270	+28.075	-4	...	...	...	22.016	-54.282	1.00	51.4177	9.5	...	35.864	-19.207	1.00	51.4199	9.4
...	+11.505	+5.398	0.85	50.4204	9.8	...	+22.294	-48.863	-3	...	...	...	+35.925	+1.226	-3	...	...
...	11.675	+12.865	-2	50.4205	9.9	...	22.401	-28.952	1.00	51.4178	9.6	...	36.080	+51.446	-5	...	...
†	11.871	-19.938	0.95	51.4158	9.6	...	22.479	-19.583	1.00	51.4179	9.5	...	36.172	-55.499	1.00	51.4202	9.6
...	12.168	-20.143	-4	51.4160	9.9	...	22.616	-34.264	-3	...	...	...	36.635	-18.902	1.00	51.4201	9.4
...	12.217	-42.733	-3	...	...	S *	22.725	-20.832	2.00	51.4181	8.5	...	36.679	+30.919	-3	...	...
37I	+12.244	+40.211	-1	...	...	43I	+22.799	-57.012	1.00	51.4183	9.6	49I	+36.780	+29.654	-2	...	...
...	13.057	-49.216	-4	...	...	...	22.864	-45.369	-5	...	...	...	37.367	+28.123	-2	...	...
...	13.088	-46.853	-3	...	...	...	22.876	+9.818	-3	...	...	*	37.631	+23.084	1.40	50.4231	8.9
*	13.213	-42.115	1.10	51.4161	9.4	...	23.273	-15.610	-2	51.4182	9.9	...	37.819	+24.306	0.70	...	...
...	13.601	+46.330	-3	...	...	...	24.042	-23.479	-5	...	...	*	38.327	-44.619	1.00	51.4203	9.4
...	+13.766	-10.840	0.70	51.4162	9.9	...	+24.140	+16.694	0.80	...	...	*	+38.582	-51.605	1.35	51.4204	9.4
...	13.907	-28.437	0.95	51.4164	9.6	...	24.630	+2.499	1.00	50.4222	9.7	...	39.043	-54.564	0.90	51.4205	9.6
...	14.034	-11.499	0.70	51.4165	9.9	*	24.723	-52.210	1.60	51.4184	9.0	...	39.251	-37.088	-4	...	...
...	14.047	-57.250	-4	...	...	...	25.191	+57.214	-4	49.4235	9.9	*	39.407	+50.168	1.50	50.4232	9.0
...	14.051	+55.716	0.85	49.4219	9.8	...	25.394	+56.503	-5	...	...	*	39.508	-43.331	1.30	51.4206	9.3
38I	+14.120	+12.175	1.20	50.4206	9.1	44I	+25.934	-4.110	1.15	50.4223	9.2	50I	+39.813	+49.907	2.00	50.4233	8.6
S *	14.153	-34.848	0.90	51.4166	9.7	*	26.250	-6.575	-3	...	...	†	39.855	-33.229	-4	...	...
†	14.298	+36.915	-2	...	...	...	26.625	+47.478	-5	...	...	...	40.001	-16.070	-4	...	...
...	14.329	+9.021	-5	...	...	...	26.681	-51.796	-5	...	...	*	40.206	+30.568	1.00	50.4234	9.6
...	14.562	+34.172	-5	...	...	...	26.984	-7.661	0.90	50.4225	9.7	...	40.366	+38.701	0.75	50.4235	9.9
...	+14.683	+27.637	1.00	50.4207	9.7	...	+27.279	-22.805	1.00	51.4185	9.8	...	+40.977	-30.390	0.65	51.4207	9.9
†	14.960	+22.086	1.50	50.4208	8.9	...	27.443	-28.239	-5	...	...	...	41.282	-35.556	-4	...	...
...	15.088	+11.411	-3	50.4209	9.8	...	27.448	+2.589	-3	...	...	...	41.426	+7.987	-2	...	...
...	15.153	+44.779	-5	...	...	...	27.558	-50.258	1.00	51.4187	9.4	*	41.527	+13.244	2.00	50.4238	8.9
...	15.160	+18.465	-3	50.4210	9.9	*	27.613	+40.168	1.30	50.4224	9.2	*	41.644	+26.260	1.35	50.4237	9.2
39I	+15.523	+11.317	-4	...	...	45I	+27.643	-37.174	-2	51.4186	9.8	51I	+41.800	+46.033	1.10	50.4236	9.4
...	15.758	+40.489	1.00	50.4211	9.6	...	28.629	+34.830	-4	...	...	*	41.811	-45.713	1.20	51.4208	9.4
...	15.977	-50.582	0.85	51.4167	9.9	...	28.655	+9.026	1.00	50.4226	9.5	...	42.433	+0.986	-5	...	...
...	16.090	-16.509	-2	...	...	...	28.875	-26.547	-5	...	...	...	42.630	+57.264	-2	49.4256	9.9
...	16.292	+4.852	-4	...	...	...	28.992	-28.268	1.00	51.4188	9.4	...	42.793	-30.762	0.80	51.4209	9.8
...	+16.443	-13.207	-5	...	...	...	+29.019	-36.904	-3	...	...	...	+42.837	+41.328	-3	...	...
...	16.663	+19.332	1.00	50.4213	9.5	...	29.058	+14.758	-4	...	...	...	42.861	+4.068	-3	...	...
...	16.788	+47.615	0.90	50.4212	9.7	†	29.143	-49.902	1.00	51.4189	9.5	...	43.203	+19.305	-3	...	...
...	17.257	-51.129	-4	...	...	...	29.159	-39.480	-5	...	...	†	43.369	+0.066	1.00	50.4239	9.6
...	17.326	+38.907	1.00	50.4214	9.7	...	30.183	-57.763	-2	51.4191	9.9	...	43.520	-19.275	0.90	51.4210	9.7
40I	+17.443	-31.531	1.10	51.4168	9.5	46I	+30.237	-40.902	0.80	51.4190	9.9	52I	+44.039	-58.731	-1	51.4211	9.8
*	17.500	+41.910	-5	...	...	...	30.653	+17.239	-3	...	...	...	44.072	-57.978	0.90	51.4212	9.7
†	17.628	-29.861	-5	...	...	...	30.765	-41.368	1.00	51.4192	9.5	...	44.568	-4.178	0.70	50.4242	9.9
...	17.741	-20.977	0.80	51.4169	9.8	...	31.024	-1.077	-4	...	...	*	44.627	+26.138	1.60	50.4241	8.7
*	18.059	+17.800	1.10	50.4215	9.4	...	31.185	+51.889	0.95	49.4246	9.7	*	44.680	+22.338	1.10	50.4240	9.4
...	+18.097	+32.852	-3	...	...	...	+31.481	-31.552	-4	...	...	...	+45.061	-9.306	-4	...	...
S *	18.583	-55.964	2.00	51.4171	8.9	...	31.517	-54.173	-2	51.4193	9.9	*	45.713	+52.853	1.15	49.4259	9.4
*	18.705	-15.857	1.00	51.4170	9.6	...	31.534	+3.658	-5	...	...	...	45.911	-15.678	0.90	51.4213	9.9
...	18.929	-24.038	1.00	51.4172	9.6	...	31.539	+48.609	-5	...	...	...	46.122	-45.462	-5	51.4215	9.9
*	19.446	+29.490	1.20	50.4216	9.4	...	32.471	-40.945	1.00	51.4194	9.7	...	46.385	-21.844	-3	51.4214	9.9
41I	+19.457	+36.627	-1	...	...	47I	+32.906	+3.493	0.70	...	...	53I	+46.638	-24.566	-4	...	...
...	19.512	-49.688	-3	...	...	...	33.181	+0.107	-4	a	...	...	46.905	-39.242	-3	51.4216	9.8
...	19.634	+56.499	-1	...	...	...	33.223	+14.533	-2	...	...	...	47.113	+22.674	-4	...	...
...	19.900	-56.929	-5	...	...	...	33.335	+11.168	1.00	50.4227	9.4	*	47.140	-57.098	2.00	51.4217	8.9
†	19.910	+7.485	1.00	50.4217	9.6	*	33.521	-40.073	1.60	51.4195	8.9	...	47.141	+30.032	-5	...	...
...	+20.047	-33.352	0.90	51.4174	9.7	...	+33.771	+5.380	0.75	50.4228	9.9	...	+47.193	-12.661	-5	...	...
...	20.524	+31.879	-2	50.4218	9.8	...	33.965	-4.046	0.85	50.4229	9.9	...	47.424	+36.236	-1	50.4243	9.7
...	20.708	-47.548	-3	...	...	...	34.219	+55.864	-4	...	...	...	47.649	+23.295	-3	...	...
...	20.862	-32.025	0.70	51.4175	9.9	...	34.630	+34.512	-4	...	...	...	47.810	-23.272	-4	...	...
*	21.091	-3.936	1.15	50.4220	9.4	...	34.704	-44.030	-1	51.4197	9.9	*	47.823	+42.653	1.80	50.4244	9.0

M
§ 10.8 = D, - 5.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	O.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
541-560						561-580						581-591					
54I	+48.707	+29.453	-5	...	...	56I	+52.865	+0.324	-4	...	...	58I	+57.244	-7.075	-5	$^{\circ}$ e	...
...	48.814	-33.070	-2	51.4218	9.9	...	52.947	-56.281	-5	...	...	...	57.587	+32.153	-5	...	...
...	48.909	-34.105	1.00	51.4219	9.6	*	53.618	+12.594	1.30	50.4251	9.2	*	57.748	+13.311	1.05	50.4258	9.5
...	49.256	-10.210	-3	...	...	e	53.728	-54.040	1.00	51.4225	9.5	e *	57.868	-6.164	1.00	50.4260	9.4
...	49.664	+36.879	-2	50.4245	9.9	e	53.837	-5.187	1.00	50.4252	9.6	...	58.058	-25.233	-5	e	...
†	+49.735	+56.664	-5	...	...	...	+53.969	-15.450	-5	e	...	...	+58.104	+26.455	1.05	50.4259	9.5
+	49.814	-4.470	1.10	50.4246	9.2	e *	53.972	-3.800	1.05	50.4253	9.4	e	58.519	-26.663	-1	51.4232	9.8
*	50.024	-3.365	1.25	50.4247	9.2	e	54.274	-33.645	1.00	51.4227	9.4	...	58.653	-19.206	-3	e	...
...	50.517	-46.772	-5	...	...	e	54.354	-12.564	-5	...	...	...	59.145	-3.241	-5	e	...
...	50.626	+28.479	-5	...	...	e	54.398	-12.362	1.00	51.4224	9.6	...	59.334	+16.421	-5	...	...
55I	+50.871	-2.285	0.75	...	...	57I	+54.770	-11.122	0.85	51.4226	9.7	59I	+59.371	-46.947	-3	51.4233	9.8
...	51.035	+19.102	-4	...	...	e †	55.074	+30.061	-1	50.4254	9.7	e	...	...	...	...	...
S *	51.164	+41.292	3.00	50.4248	8.1	...	55.414	-47.549	-4	e	...	...	...	...	...	...	...
S *	51.778	-30.529	2.70	51.4222	8.4	...	55.719	+5.977	-5	...	...	...	...	...	...	...	...
...	51.913	-33.747	-5	...	...	S e *	56.000	-9.321	2.00	51.4228	8.6	...	...	...	...	...	...
*	+52.153	-8.056	1.00	50.4250	9.5	e	+56.486	-17.741	-3	51.4230	9.9	...	...	...	...	...	...
...	52.220	+26.015	1.00	50.4249	9.7	...	56.851	-14.085	-4	e	...	...	...	...	...	...	...
...	52.381	+22.411	-5	...	...	*	56.913	+44.263	1.20	50.4255	9.4	...	...	...	...	...	...
†	52.623	-19.867	-3	...	...	...	56.975	+26.064	-2	50.4257	9.9	...	...	...	...	...	...
...	52.849	-59.582	-5	51.4223	9.9	...	56.985	+32.943	-1	50.4256	9.8	...	...	...	...	...	...

$$\S 10.8 = D, -5.$$

1-30						31-60						61-90					
I				°		3I			°			6I					
...	-59.501	-34.962	-5	...	...	...	-55.201	+44.604	-5	...	...	...	-49.922	+52.078	1.00	49.4293	9.5
...	59.453	+29.981	1.00	50.4254	9.7	E *	55.197	-6.105	1.00	50.4260	9.4	†	49.841	+6.938	-3	...	...
E *	59.264	-5.289	1.00	50.4252	9.6	...	55.072	+40.924	-5	...	...	...	49.081	+27.714	-3	...	...
E *	59.193	-3.895	1.00	50.4253	9.4	...	54.636	+16.527	-3	...	...	*	48.814	-12.632	1.05	51.4241	9.4
...	59.164	+10.820	-5	...	...	...	54.337	+50.012	-4	...	...	...	48.629	-42.914	-5	...	...
...	-58.703	-15.535	-5	E	...	...	-54.223	-25.145	-5	E	...	†	-48.608	-34.663	-5	...	...
...	58.446	-12.648	-5	E	...	...	54.042	-3.130	-5	E	...	...	48.386	-53.644	-4	...	...
...	58.412	-19.854	-5	...	...	...	53.876	-19.109	-2	E	...	...	47.971	-19.809	-4	...	...
E	58.407	-12.439	0.85	51.4224	9.6	...	53.817	-5.383	-5	...	...	...	47.965	+10.037	-5	...	...
*	58.182	+44.232	1.25	50.4255	9.4	E	53.700	-26.559	0.95	51.4232	9.8	...	47.948	-46.341	-4	...	...
II						4I						7I					
E	-58.086	-11.189	0.85	51.4226	9.7	...	-53.432	+22.424	-5	...	...	...	-47.933	-5.304	-4	...	...
...	57.838	+5.937	-4	...	...	...	52.989	+29.162	1.00	50.4261	9.5	*	47.284	+31.776	1.00	50.4267	9.5
E	57.664	-33.708	1.00	51.4227	9.4	...	52.650	-5.037	-5	...	...	...	47.055	+34.016	-4	...	...
...	57.639	+32.937	-1	50.4256	9.8	...	52.568	+5.770	-5	...	...	*	47.025	-2.953	1.00	50.4266	9.6
...	57.391	+26.055	-1	50.4257	9.9	...	52.499	-12.927	-5	...	...	...	46.730	+38.439	-5	...	...
E	-57.382	-54.112	1.00	51.4225	9.5	*	-52.059	+11.750	1.00	50.4262	9.5	...	-46.657	-1.447	0.95	50.4268	9.6
...	57.048	+32.164	-5	...	...	E	52.026	-46.783	-3	51.4233	9.8	...	46.284	+42.809	-5	...	...
SE *	56.925	-9.339	1.80	51.4228	8.6	...	51.768	+59.044	-5	...	...	...	46.140	+12.489	-5	...	...
...	56.730	+30.423	-4	...	...	...	51.592	-24.024	0.90	51.4235	9.8	...	46.128	-11.925	-2	51.4242	9.9
...	56.502	+14.441	-5	...	...	...	51.411	-25.212	-2	51.4236	9.9	...	46.068	+24.289	0.80	50.4270	9.8
2I						5I						8I					
*	-56.282	+26.492	1.00	50.4259	9.5	...	-51.314	+46.840	-4	...	...	...	-45.969	-8.124	-5	...	...
...	56.282	-0.872	-5	...	...	...	51.082	+40.742	-5	...	...	*	45.813	-7.216	3.00	50.4269	8.0
E	56.099	-17.734	0.70	51.4230	9.9	*	51.041	+13.313	1.30	50.4263	8.9	...	45.779	+52.893	-1	49.4299	9.7
*	56.095	+13.341	1.00	50.4258	9.5	...	51.028	-45.129	1.00	51.4237	9.6	N	45.637	-44.411	-5	...	...
...	55.953	-47.557	-3	E	...	...	50.670	+45.584	1.20	50.4264	9.2	...	45.615	+10.857	-5	...	...
...	-55.891	-14.071	-4	E	...	...	-50.436	-41.254	0.70	51.4238	9.8	...	-45.609	-43.892	-5	...	...
...	55.783	-7.037	-4	E	...	...	50.376	+16.590	-5	...	...	...	45.543	+34.365	-5	...	...
...	55.540	+52.668	-2	49.4282	9.7	*	50.364	-32.160	1.00	51.4239	9.4	...	45.346	+9.104	-5	...	...
...	55.490	+57.657	-4	49.4284	9.7	...	50.346	-39.887	-5	...	...	...	45.182	-18.743	-5	...	...
...	55.315	+53.063	-3	49.4285	9.8	*	50.076	+9.497	1.00	50.4265	9.5	...	45.076	-38.245	0.75	51.4245	9.9

L measured from 1, 127, 260, 376, 502, 630.

C " " 62, 198, 316, 445, 569, 686.

84. Obscures 2nd image of 86.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
91-150						151-210						211-270					
9I	-45.043	+45.565	-5	...	...	15I	-36.315	-33.776	-5	...	...	21I	-27.031	-8.374	-5	...	...
S †	44.924	+13.489	1.10	50.4271	9.3	*	36.097	+39.189	1.00	50.4284	9.6	...	26.940	-3.442	-4	...	...
†	44.837	+21.947	-3	...	...	...	36.011	+13.512	-5	...	...	*	26.850	+32.095	1.00	50.4296	9.6
...	44.814	-54.474	-4	51.4243	9.9	...	35.705	-22.193	-3	...	...	...	26.711	-10.111	0.80	51.4265	9.8
...	44.765	-54.788	0.95	51.4244	9.6	...	35.420	-12.243	-5	...	...	...	26.586	+49.653	0.65	50.4298	9.7
*	-44.468	+28.344	1.00	50.4273	9.5	*	-35.319	-14.451	1.00	51.4256	9.4	...	-26.417	+9.091	-4	...	...
...	44.390	-30.524	-3	...	...	...	35.282	-32.285	-4	...	...	...	26.201	+51.211	-5	...	...
...	44.050	-4.231	0.65	50.4272	9.7	†	35.228	+45.113	-3	50.4285	9.9	...	26.000	-16.049	-5	...	...
...	43.861	-27.545	-2	...	...	...	35.187	-41.520	0.95	51.4255	9.7	...	25.975	-13.053	-5	...	...
...	43.761	-37.184	0.90	51.4246	9.7	...	35.022	+8.752	-3	...	...	n *	25.825	-54.358	1.50	51.4266	8.6
10I	...	...	...	...	...	16I	...	...	...	...	...	22I	...	...	...	...	...
...	-43.511	+23.729	-2	50.4274	9.9	†	-34.906	+24.805	-5	...	...	...	-25.679	+34.695	-5	...	...
...	43.509	+34.406	-5	...	...	†	34.869	+16.925	0.80	50.4286	9.6	...	25.678	-18.926	-4	...	...
...	43.299	-42.705	-5	...	...	†	34.852	-48.488	1.00	51.4258	9.4	n *	25.670	-54.445	1.50	51.4266	8.6
...	43.278	+20.255	0.70	50.4275	9.9	S *	34.783	-46.944	1.20	51.4259	9.1	*	25.661	+51.040	1.10	50.4300	9.4
...	43.181	+18.798	-5	...	...	...	34.700	-57.356	-5	...	...	...	25.640	+42.903	-2	50.4299	9.9
...	-42.797	-14.804	0.90	51.4247	9.7	...	-34.616	-13.533	-5	...	...	...	-25.638	+49.692	-4	...	...
...	42.714	+46.601	-4	...	...	...	34.390	+25.234	-5	...	...	...	25.583	+20.258	-5	...	...
...	42.634	+28.103	-5	...	...	...	34.350	-13.042	-5	...	...	...	25.479	+47.502	0.85	50.4301	9.8
...	42.423	+18.392	-4	...	...	†	34.278	+45.193	-4	...	...	*	25.216	+37.203	1.00	50.4302	9.6
...	42.097	+15.500	0.95	50.4277	9.6	...	33.641	+1.185	-3	50.4287	9.9	...	24.778	+44.209	-3	...	...
11I	...	...	...	...	...	17I	...	...	...	...	...	23I	...	...	...	...	...
*	-42.091	+5.713	1.00	50.4276	9.5	...	-33.616	+15.927	-5	...	...	...	-24.639	+29.563	-5	...	...
...	41.982	-24.386	-5	...	...	*	33.549	-40.406	1.00	51.4260	9.4	...	24.191	-1.892	-2	...	...
...	41.697	-35.592	0.65	...	...	...	33.433	-11.176	-2	51.4261	9.9	...	24.139	+10.497	-5	...	...
...	41.695	+49.766	-5	...	...	...	33.343	+19.929	-2	...	...	...	23.741	-4.639	-5	...	...
*	41.625	-18.965	1.00	51.4248	9.5	...	33.328	+12.230	-4	...	...	...	23.658	-10.447	-5	...	...
...	-41.552	+12.140	-5	...	...	...	-33.268	+0.554	0.80	50.4288	9.7	...	-23.599	-35.944	-4	...	...
...	41.450	-38.575	0.65	51.4249	9.9	N *	33.155	+6.518	1.00	50.4289	9.8	...	23.331	-54.940	-5	...	...
...	41.139	-19.900	-5	...	...	...	33.153	-3.453	-5	...	...	...	23.264	-13.938	-5	...	...
...	41.047	+19.454	-3	...	...	...	32.810	+40.011	-4	...	...	*	22.834	+37.117	1.25	50.4303	9.0
...	40.947	-34.500	-4	...	...	...	32.786	+29.847	-3	...	...	†	22.616	-34.670	-5	...	...
12I	...	...	...	...	...	18I	...	...	...	...	...	24I	...	...	...	...	...
...	-40.910	+47.061	-5	...	...	...	-32.634	+18.543	0.85	50.4290	9.9	...	-22.582	+49.808	0.75	50.4304	9.7
...	40.867	-23.248	-3	...	...	...	32.557	-16.995	-5	...	...	...	22.133	+55.771	-5	...	...
...	40.514	-28.921	0.95	51.4250	9.6	...	32.291	+33.619	-5	...	...	*	21.853	-37.057	1.00	51.4267	9.5
*	40.344	+22.617	1.00	50.4278	9.5	*	32.030	-15.918	1.45	51.4262	8.8	...	21.584	+49.975	-5	...	...
...	40.269	-11.622	-3	...	...	...	31.964	-23.131	-2	...	...	...	21.456	-13.419	-5	...	...
...	-40.112	-48.895	0.95	51.4251	9.7	...	-31.840	-29.746	-5	...	...	...	-21.325	-32.027	-2	...	...
...	39.596	-19.479	-4	...	...	...	31.431	-15.747	-5	...	...	...	21.314	+14.980	-5	...	...
...	39.543	+18.108	-5	...	...	...	31.409	+34.696	-5	...	...	...	21.202	+59.752	-5	...	...
*	39.538	+17.035	1.00	50.4279	9.4	S *	31.330	+41.879	1.20	50.4291	9.0	...	20.939	+5.542	0.75	50.4305	9.6
...	39.519	-37.322	-4	...	...	...	31.323	+32.106	-3	...	...	...	20.905	+8.703	0.90	50.4306	9.7
13I	...	...	...	...	...	19I	...	...	...	...	...	25I	...	...	...	...	...
*	-39.492	-33.874	1.25	51.4252	9.2	...	-31.161	+6.853	-5	...	...	...	-20.541	+12.519	-5	...	...
N †	39.393	-53.048	-5	...	...	...	30.948	+52.955	0.90	49.4311	9.6	...	20.480	-15.048	-3	...	...
...	39.385	+25.168	-5	...	...	*	30.780	+26.989	1.05	50.4292	9.5	...	20.432	+0.530	-5	...	...
...	39.233	+12.489	0.65	...	...	...	30.773	+10.650	-3	...	...	...	20.284	+29.598	0.85	50.4309	9.6
...	39.216	+32.380	-5	...	...	...	30.487	-55.659	-1	51.4263	9.7	...	20.280	+1.497	0.85	50.4307	9.6
...	-39.211	+16.496	-5	...	...	...	-30.296	+47.844	-5	...	...	...	-20.206	-15.797	0.90	51.4268	9.7
...	39.119	-51.631	-5	...	...	†	29.973	+33.472	0.95	50.4293	9.6	...	20.203	+42.567	-5	...	...
*	38.726	+36.077	0.95	50.4280	9.5	...	29.814	-20.808	-5	...	...	*	20.195	+5.350	1.00	50.4308	9.4
...	38.680	+32.267	-5	...	...	...	29.647	-29.594	-4	...	...	...	20.001	+50.534	-4	...	...
...	38.628	+34.111	-5	...	...	...	29.333	+33.113	-4	...	...	*	19.768	-12.815	1.10	51.4269	9.4
14I	...	...	...	...	...	20I	...	...	...	...	...	26I	...	...	...	...	...
*	-38.499	+30.682	1.00	50.4281	9.5	...	-28.975	+27.859	-4	...	...	...	-19.609	+26.177	0.95	50.4310	9.6
...	38.236	-12.654	-4	...	...	...	28.926	+41.888	-5	...	...	...	19.568	-22.676	-5	...	...
...	37.945	-49.073	-5	...	...	...	28.493	+7.106	-5	...	...	*	19.113	+56.891	1.50	49.4329	9.0
...	37.918	+58.480	-3	...	...	S *	28.271	-6.268	2.60	50.4294	8.4	...	19.056	-45.996	-4	...	...
...	37.649	-18.735	0.90	51.4254	9.7	...	28.205	+36.404	-5	...	...	...	18.946	-43.503	-5	...	...
...	-37.253	+26.208	-5	A	...	*	-27.947	+46.437	1.00	50.4295	9.6	...	-18.859	-13.859	-4	...	...
*	37.118	+20.620	1.00	50.4282	9.4	...	27.332	+0.656	-4	...	...	...	18.854	+54.944	0.90	49.4331	9.6
*	36.958	+36.311	2.10	50.4283	8.5	...	27.314	-12.712	-4	...	...	...	18.836	-31.664	-5	...	...
...	36.899	+53.280	-5	...	...	...	27.147	+46.867	0.70	50.4297	9.9	...	18.804	-19.997	-3	...	...
...	36.534	+8.732	-5	...	...	...	27.124	-45.102	0.80	51.4264	9.9	...	18.754	+18.357	-3	...	...

133. 1st image obscured by réseau; 2nd image measured and corrected.

145. Partly obscured by fault.

177. Var. L = 9.2 - 10.2.

220, 223. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	δ.		No	Mag.		α.	δ.		No	Mag.		α.	δ.		No	Mag.
271-330						331-390						391-450					
27I	-18°457	-39°89I	I°00	51.4270	9.4	33I	-7°352	-14°340	-5	...	...	39I	+2°106	+51°554	-5	...	...
*	18°376	-35°66I	2°10	51.427I	8.4	...	7°299	+26°174	0°70	50.4326	9.9	...	2°547	+21°453	-5	...	...
...	18°217	-55°12I	-5	...	...	...	7°289	-30°528	-3	...	...	...	2°64I	-24°090	-5	...	...
*	18°14I	+36°537	I°90	50.43II	8.5	...	7°200	-13°379	-5	...	...	...	2°734	+35°320	-3	50.4340	9.9
...	17°829	+4°968	-5	...	...	...	6°969	-24°284	-3	51.4280	9.9	...	2°748	-36°04I	-5	...	...
...	-17°443	-40°806	-5	...	...	*	-6°477	-52°496	I°20	51.428I	9.3	...	+3°107	-12°973	-5	...	...
...	17°348	-19°448	-5	...	...	...	6°443	-11°786	-5	51.4283	9.9	...	3°129	-41°376	-5	...	...
...	17°329	+1°28I	-4	...	...	...	6°120	+17°384	-5	...	...	...	3°263	-41°44I	-2	51.4295	9.9
*	16°957	+26°207	I°10	50.43I2	9.4	...	6°068	-55°252	-4	...	...	...	3°525	-56°065	-5	...	...
...	16°709	+25°437	0°80	50.43I3	9.7	...	6°052	-36°239	-4	...	...	...	3°852	-41°979	-5	...	...
28I	-16°672	-9°049	0°80	51.4272	9.9	34I	-5°815	+54°215	-5	...	...	40I	+3°897	+6°882	-5	...	...
...	16°342	+34°989	-2	...	...	...	5°626	+20°174	I°40	50.4328	8.9	...	3°954	+16°274	-5	...	...
*	16°305	+48°514	I°10	50.43I5	9.3	...	5°624	+9°004	-3	50.4329	9.9	...	4°043	+26°054	-2	...	...
...	16°29I	+15°688	0°75	50.43I4	9.9	*	5°621	+14°82I	I°00	50.4327	9.5	*	4°129	-29°930	0°95	51.4296	9.5
*	16°179	-1°144	0°95	50.43I6	9.7	...	5°530	+27°413	-4	...	...	...	4°443	-14°926	-5	...	...
...	-15°765	+15°378	-5	...	...	...	-5°264	-40°434	-4	...	...	...	+4°653	-49°415	-5	...	...
...	15°508	-33°134	-5	...	...	†	4°973	+31°257	-5	...	...	...	4°790	+23°422	-3	...	...
...	15°315	-45°534	-5	...	...	...	4°672	-35°467	-3	...	...	...	4°802	+49°488	-3	...	...
...	15°108	-35°617	-2	51.4273	9.9	...	4°174	-30°027	-4	51.4285	9.9	S *	4°916	+43°543	I°45	50.434I	8.9
...	14°874	-30°755	-2	...	...	...	4°152	+18°219	-5	...	...	...	5°169	-33°544	0°95	51.4297	9.6
29I	-14°788	-47°876	I°50	51.4274	8.8	35I	-4°035	-3°615	0°95	50.4330	9.5	41I	+5°385	-51°377	I°05	51.4298	9.1
*	14°548	+35°93I	I°15	50.43I7	9.2	†	4°000	+50°128	-4	...	...	...	5°552	+36°303	-3	...	...
*	14°519	-31°612	I°00	51.4275	9.6	...	3°994	-7°473	-3	50.433I	9.9	...	5°653	-26°819	-5	...	...
...	14°323	-21°257	-5	...	...	...	3°443	-35°905	-5	...	...	...	5°789	+9°147	-5	...	...
...	14°270	+54°228	-5	...	...	...	3°43I	-53°892	-5	...	...	*	6°224	+15°520	2°00	50.4342	8.6
...	-14°254	+0°986	-3	50.43I8	9.9	...	-3°193	+50°066	-3	50.4332	9.9	...	+6°268	-54°377	-5	...	...
...	14°219	+53°87I	-5	...	...	...	2°845	-4°399	-5	...	...	...	6°410	+41°015	-5	...	...
*	13°986	+38°377	2°00	50.4320	8.6	*	2°745	+8°582	I°15	50.4333	9.2	...	6°540	-35°595	-5	...	...
...	13°967	+34°928	-5	...	...	...	2°706	-43°17I	-3	...	...	...	7°040	+10°417	-5	...	...
S *	13°869	+11°22I	2°75	50.43I9	8.1	...	2°647	+33°686	-5	...	...	*	7°073	-23°608	I°90	51.4300	8.6
30I	-13°645	-39°629	0°70	51.4276	9.9	36I	-2°063	-36°394	I°00	51.4286	9.4	42I	+7°199	+44°600	-5	...	...
†	13°414	-52°909	-2	...	...	*	1°618	+31°898	-2	50.4334	9.9	...	7°326	-34°883	-5	...	...
...	13°404	-48°170	-4	...	...	...	1°614	+7°078	-5	m	...	...	7°344	+25°823	0°70	50.4343	9.8
*	13°237	+44°783	I°00	50.432I	9.5	...	1°365	-48°43I	0°70	51.4287	9.9	*	7°442	+1°474	I°00	50.4344	9.4
...	13°135	+54°065	-2	49.4339	9.9	...	1°338	+34°174	-5	...	...	*	7°543	-55°029	I°80	51.430I	8.8
...	-12°797	-20°788	-5	...	...	...	-1°315	-26°289	-5	...	...	...	+7°918	+8°640	I°00	50.4345	9.4
...	11°998	-3°554	-3	...	...	...	1°283	+43°993	-5	...	...	*	7°970	+49°773	2°50	50.4346	8.4
...	11°612	+22°698	-3	50.4322	9.8	*	1°283	+7°877	I°20	50.4335	9.1	*	8°083	-50°994	I°00	51.4302	9.5
...	11°587	-51°898	-5	...	...	...	1°098	-8°306	0°80	51.4288	9.6	...	8°189	-20°920	-5	...	...
...	11°519	-40°136	-5	...	...	...	0°824	-18°974	-2	...	...	...	8°276	+50°381	-5	...	...
31I	-11°410	-43°937	-5	...	...	37I	-0°445	+50°222	-5	...	...	43I	+8°486	-46°642	-3	51.4304	9.8
*	11°280	+42°418	I°00	50.4323	9.3	†	0°392	-29°645	0°80	51.4289	9.7	...	8°590	-49°666	-5	...	...
...	11°219	+56°000	-5	...	...	...	0°181	+15°445	-3	50.4336	9.9	*	8°726	-21°149	I°00	51.4303	9.2
...	11°132	-36°184	-5	...	...	...	0°112	+56°409	0°80	49.4353	9.8	...	8°905	-46°374	0°90	...	...
†	9°988	+53°890	-5	...	...	...	-0°078	-12°247	-5	...	...	...	8°968	-21°462	-4	...	...
...	-9°815	+56°870	-5	...	...	...	+0°033	-43°618	I°40	51.4290	8.7	*	+9°039	+17°334	I°20	50.4347	9.1
...	9°505	+10°352	-5	...	...	...	0°100	-43°692	0°85	...	...	...	9°066	+12°744	-5	...	...
...	9°459	-36°849	0°75	51.4277	9.9	...	0°176	-30°808	-5	...	...	...	9°069	+15°729	0°95	50.4348	9.4
...	9°312	+38°665	0°85	50.4324	9.8	...	0°229	-43°769	0°65	...	...	*	9°256	+24°131	I°00	50.4349	9.3
...	9°240	-37°492	-5	...	...	...	0°301	-34°388	0°85	51.4291	9.7	*	9°314	-2°225	0°95	50.4350	9.5
32I	-8°980	-37°751	-3	...	...	38I	+0°716	-28°741	2°00	51.4292	8.7	44I	+9°474	-27°715	-3	51.4305	9.9
...	8°770	-10°145	-5	...	...	*	0°798	-54°486	I°90	51.4293	8.4	...	9°595	-33°894	-5	...	...
...	8°640	+59°356	-3	49.4342	9.8	...	1°371	+36°228	-5	...	...	...	9°834	+53°248	0°75	49.4363	9.9
...	8°424	+12°725	-4	...	...	...	1°454	+28°828	0°70	50.4338	9.8	†	9°936	-39°230	-5	...	...
...	8°353	+39°290	-4	...	...	...	1°492	-39°882	-4	...	...	†	10°014	-20°698	-5	...	...
...	-7°968	+46°433	-5	...	...	...	+1°497	+27°722	0°65	50.4337	9.7	...	+10°191	+39°714	-2	50.4351	9.9
...	7°874	+45°214	-5	...	...	*	1°705	+37°439	I°15	50.4339	9.0	...	10°230	+49°264	-4	...	...
*	7°763	+48°602	I°00	50.4325	9.7	...	1°711	-40°152	-5	...	...	...	10°276	-19°875	-5	...	...
*	7°693	-56°712	I°10	51.4279	9.5	...	1°880	+46°417	-5	...	...	...	10°381	-16°058	-5	...	...
...	7°532	+32°753	-4	...	...	S *	2°060	-49°793	I°65	51.4294	8.6	...	10°500	-51°466	0°90	51.4306	9.8

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
451-510						511-570						571-630					
45I	+10°613	+10°008	-4	...	...	51I	+21°967	-34°045	-5	...	...	57I	+30°498	+53°323	0°85	49.4394	9°7
...	10°730	+17°042	-5	...	...	...	22°410	+36°714	-4	...	...	...	30°680	+22°510	-1	50.4377	9°9
...	10°840	+48°004	-5	...	...	...	22°805	+17°539	-5	...	...	*	30°765	+14°421	1°05	50.4378	9°4
...	11°005	-23°694	-2	51.4307	9°7	...	22°833	-5°697	-5	...	...	...	30°927	+0°495	0°70	...	...
*	11°257	+48°614	2°60	50.4352	8°4	...	22°861	+34°729	-2	...	...	...	30°931	+28°963	-3	...	...
*	+11°398	+26°192	1°05	50.4353	9°4	...	+23°052	-41°476	0°80	51.4317	9°7	...	+30°968	-55°121	-5	...	...
...	11°539	-20°946	0°90	51.4308	9°6	...	23°122	+33°665	0°80	50.4364	9°8	...	31°041	-28°840	-3	...	...
...	11°736	-18°579	-4	...	...	S *	23°239	-45°186	0°95	51.4318	9°6	...	31°074	-56°499	0°85	51.4331	9°7
...	11°775	+41°736	-3	...	...	...	23°272	+10°505	1°20	50.4365	9°0	*	31°459	-32°433	1°00	51.4332	9°5
...	11°921	-23°622	-5	...	...	...	23°616	-31°727	-5	...	...	...	31°689	-51°288	0°85	51.4333	9°9
46I	+12°399	-23°757	0°80	51.4309	9°7	52I	+23°799	+46°225	-5	...	...	58I	+31°713	-2°524	-3	...	...
...	12°677	-17°227	-1	51.4310	9°9	*	24°011	-8°565	1°90	51.4319	8°7	*	31°772	-1°327	1°70	50.4379	8°9
...	12°693	+16°853	-5	...	...	...	24°038	+44°723	0°95	50.4366	9°9	...	31°836	+8°979	-4	...	...
†	12°726	-59°590	1°15	51.4311	9°4	...	24°169	-15°677	0°70	51.4320	9°7	*	32°365	-40°075	1°40	51.4334	8°9
...	12°734	-20°501	-5	...	...	...	24°406	+54°007	-3	...	...	...	32°589	+31°162	-4	...	...
...	+12°855	+19°817	0°95	50.4354	9°5	...	+24°502	+28°838	-2	...	...	...	+32°997	-19°005	-5	...	...
...	13°156	-8°792	-5	...	...	...	24°677	+42°818	0°95	50.4367	9°7	...	33°295	+27°869	-5	...	...
...	13°376	+58°455	-3	49.4366	9°9	...	24°677	-35°619	-5	...	...	...	33°440	-46°972	-5	...	...
...	13°438	+29°812	-5	...	...	...	24°682	+27°018	-3	...	...	...	33°446	-37°450	-4	...	...
...	13°457	+20°810	-5	...	...	...	24°784	-17°144	0°90	51.4321	9°6	...	33°454	+57°765	-4	...	...
47I	+13°707	-33°150	-4	...	...	53I	+24°998	-11°614	-5	...	...	59I	+33°469	-24°386	1°00	51.4335	9°5
†	14°950	+1°819	-5	...	...	...	25°297	+27°154	0°90	50.4368	9°7	...	33°575	-40°425	-3	...	...
...	15°382	+30°851	-5	...	...	...	25°621	-7°747	-3	...	...	...	33°597	-38°293	-5	...	...
...	15°727	+28°789	-5	...	...	...	25°653	-43°640	-4	51.4322	9°9	...	33°970	+14°111	-2	...	...
...	15°919	-20°656	-3	...	...	...	25°739	-50°674	-3	...	...	...	34°305	-0°682	-5	...	...
*	+16°139	+37°087	1°05	50.4355	9°3	...	+25°863	-30°269	-5	...	...	...	+34°354	-21°867	0°90	51.4336	9°6
...	16°238	+40°496	0°70	50.4356	9°7	*	25°869	+3°526	1°30	50.4369	9°0	...	34°375	-10°947	-3	...	...
...	16°581	-8°036	0°65	50.4357	9°9	...	25°892	-56°575	-5	...	...	...	34°500	+46°758	-4	...	...
...	16°650	+32°335	-5	...	...	...	26°303	-29°362	-3	...	...	...	34°617	+0°480	1°00	50.4380	9°6
...	16°717	+0°968	-5	...	...	...	26°336	-25°646	-3	...	...	...	34°773	+48°468	-5	...	...
48I	+16°724	+48°431	-4	...	...	54I	+26°543	-32°954	1°70	51.4324	8°7	60I	+34°791	-41°889	-5	...	...
...	16°854	-43°214	-5	...	...	...	26°566	-13°317	0°80	51.4323	9°7	...	35°125	+5°871	-3	50.4381	9°9
...	16°894	-23°980	-5	...	...	...	26°601	+24°056	-3	50.4370	9°9	...	35°155	+18°755	-4	...	...
...	17°065	+9°906	-5	...	...	...	26°782	-5°773	-5	...	...	...	35°277	-46°321	0°70	51.4337	9°9
...	17°206	+5°475	-5	...	...	†	26°788	+25°112	-5	...	...	...	35°399	+31°260	-5	...	...
...	+17°234	+54°616	-4	...	...	†	+26°859	+15°139	1°00	50.4371	9°2	*	+35°511	-49°946	1°50	51.4338	8°9
...	17°539	+27°711	-5	...	...	...	27°121	-10°906	0°75	51.4325	9°7	...	35°523	+3°789	0°90	50.4385	9°6
...	17°656	+12°435	-3	...	...	...	27°368	+25°853	-5	...	...	*	35°585	+17°100	1°30	50.4383	9°0
...	17°896	-6°771	-5	...	...	...	27°439	-11°284	0°75	51.4326	9°6	...	35°617	+26°636	-5	...	...
...	18°368	-29°320	0°70	...	...	*	27°470	+58°911	1°70	49.4388	8°8	...	35°655	+26°060	0°80	50.4384	9°7
49I	+18°420	+31°022	-5	...	...	55I	+27°496	-35°949	-5	...	...	61I	+35°802	+20°186	1°00	50.4386	9°2
...	18°556	-28°626	0°70	51.4313	9°8	...	28°427	-44°515	-4	...	...	†	35°813	+49°598	0°65	50.4382	9°8
*	18°709	+1°160	1°00	50.4358	9°5	...	28°498	-44°561	-5	...	...	...	36°613	-20°452	-2	51.4339	9°9
...	18°919	+3°062	-5	...	...	...	28°507	+35°316	0°85	50.4372	9°7	...	36°780	+4°003	0°70	50.4387	9°7
...	18°945	+37°704	-5	...	...	...	28°618	-24°984	-5	...	...	...	36°961	+2°995	-5	...	...
...	+19°142	+36°795	-3	50.4359	9°9	...	+28°639	+52°413	-5	...	...	...	+37°533	+24°342	0°65	50.4388	9°9
...	19°183	-59°484	-4	...	...	...	28°679	-26°975	-3	...	...	...	37°555	+20°771	-5	...	...
...	19°351	+41°508	-4	...	...	...	28°928	+56°615	-1	49.4391	9°6	...	37°584	-19°831	-4	...	...
...	19°368	-44°732	0°75	51.4314	9°7	*	29°000	-47°997	1°30	51.4327	9°0	...	37°777	-15°679	0°70	51.4340	9°8
*	19°424	-49°141	1°00	51.4315	9°5	...	29°162	+11°890	-5	...	...	...	38°345	-13°041	0°90	51.4341	9°7
50I	+19°494	+24°733	-5	...	...	56I	+29°221	+26°371	0°90	50.4373	9°6	62I	+38°456	-17°199	-4	...	...
...	20°191	+24°424	1°00	50.4360	9°6	*	29°381	-34°966	1°05	51.4328	9°4	...	38°543	+2°532	-5	...	...
*	20°251	+17°353	1°05	50.4361	9°1	†	29°470	+30°171	0°70	50.4375	9°9	...	38°585	-39°424	0°75	51.4342	9°9
*	20°267	-25°065	1°60	51.4316	9°0	...	29°531	+47°345	0°90	50.4374	9°7	...	39°252	-47°317	-3	...	...
...	20°278	-53°059	-5	...	...	...	29°575	+57°671	-5	...	...	*	39°388	+18°019	1°00	50.4389	9°5
...	+20°540	-2°563	-5	...	...	...	+29°608	-2°874	0°85	50.4376	9°7	...	+39°466	+4°541	0°75	50.4390	9°7
...	20°650	-8°204	-5	...	...	...	29°756	+37°920	-5	...	...	...	39°602	+28°153	-4	...	...
*	20°817	+37°685	2°00	50.4362	8°7	†	29°863	+21°920	-5	...	...	...	39°665	+12°043	-2	50.4391	9°9
*	21°542	+10°302	1°00	50.4363	9°2	...	30°074	-36°035	-3	...	...	†	39°891	+25°931	-5	...	...
...	21°868	+59°013	-5	...	...	*	30°250	-16°744	1°30	51.4329	9°2	...	39°999	-11°098	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
631-670						671-710						711-741					
63I	+40°149	+10°992	-4	...	...	67I	+46°132	+12°586	-3	...	...	71I	+54°172	-39°481	-5	e	...
...	40°183	-44°539	-5	...	...	...	46°140	+37°679	-5	...	...	S *	54°222	+33°927	1°90	50.4415	8.9
...	40°378	-7°360	-5	...	...	...	46°195	-43°175	-1	51.4354	9.6	...	54°255	+1°452	-5	...	...
...	40°424	-24°231	0°90	51.4343	9.6	...	46°574	-13°311	-5	...	...	...	54°304	+20°855	-2	50.4417	9.9
...	40°584	+33°926	0°80	50.4392	9.7	...	47°385	-8°446	-3	...	...	e *	54°475	-15°613	1°00	51.4361	9.5
...	+40°865	-56°994	-3	51.4346	9.9	...	+47°525	+10°884	-3	...	...	...	+54°622	+39°344	-5	...	...
*	40°986	-20°865	2°00	51.4344	8.7	...	47°602	-56°936	-5	...	...	†	54°899	+23°081	-3	50.4418	9.9
...	41°030	+47°695	-1	50.4393	9.9	...	47°905	-43°295	-5	...	...	...	54°975	+20°961	-4	50.4419	9.9
*	41°061	-25°706	0°95	51.4345	9.6	...	48°048	-49°318	-1	51.4355	9.7	...	55°021	-22°814	-5	...	...
...	41°299	-1°503	0°85	50.4394	9.9	...	48°115	-5°213	-5	...	...	e	55°452	-37°343	0°65	51.4363	9.9
64I	+41°511	+16°245	0°75	50.4395	9.8	68I	+48°216	-19°889	-3	...	...	72I	+55°527	-59°454	-4	51.4364	9.8
...	41°697	+33°893	0°85	50.4396	9.7	...	48°419	-35°527	-4	...	...	e	56°019	-5°139	0°70	50.4420	9.7
...	41°870	-5°057	-5	...	...	...	48°539	-32°680	-5	...	...	†	56°295	+7°387	-5	...	...
...	41°928	+32°906	-4	...	...	...	49°072	+22°968	0°70	50.4407	9.9	...	56°366	+55°974	-5	...	...
...	41°959	-38°675	-2	51.4347	9.7	...	49°684	+16°057	-3	...	...	...	56°447	+18°045	-5	...	...
*	+42°153	-3°537	1°00	50.4398	9.5	...	+49°986	+49°846	-1	50.4408	9.8	...	+56°798	+18°504	-3	...	...
...	42°161	-8°228	-5	...	...	...	50°004	+23°234	-5	...	...	e	56°903	-49°573	-1	51.4366	9.6
*	42°497	+32°397	1°10	50.4397	9.4	...	50°114	-7°188	-5	...	...	...	56°916	-32°713	-5	...	...
...	42°512	+20°033	-5	...	...	*	50°421	-30°732	1°20	51.4356	9.1	*	57°128	+53°757	1°60	49.4430	9.2
...	42°752	-50°683	-1	51.4349	9.7	...	50°687	+19°437	-4	...	...	e	57°291	-44°020	-4	51.4367	9.9
65I	+42°777	+32°318	1°15	50.4399	9.4	69I	+51°018	+3°753	-5	...	...	73I	+58°010	-13°808	-5	e	...
*	42°958	+7°430	2°20	50.4400	8.6	*	51°165	-50°583	1°10	51.4357	9.4	...	58°617	-30°707	-1	51.4368	9.9
†	43°461	+30°041	0°70	50.4402	9.8	...	51°368	-30°533	-4	...	...	e	58°642	-47°486	-1	51.4369	9.7
†	43°474	-59°539	1°70	51.4352	9.0	...	51°382	+9°086	-5	...	...	*	59°180	+49°463	1°15	50.4421	9.4
...	43°523	-42°815	-4	51.4351	9.9	...	51°757	+35°427	-3	...	...	e	59°285	-31°746	-2	51.4370	9.9
...	+43°597	+47°283	-2	50.4401	9.9	...	+51°828	+36°461	-3	50.4409	9.9	...	+59°325	+7°209	-5	...	...
...	43°880	+51°992	-5	...	...	...	52°101	+37°476	1°00	50.4410	9.6	...	59°376	-14°478	-5	e	...
...	43°948	-50°577	-5	...	...	...	52°543	+41°272	-5	...	...	...	59°385	-36°276	-4	e	...
*	44°189	+2°175	0°95	50.4403	9.4	*	52°610	+2°495	1°60	50.4411	8.8	e	59°558	-29°895	0°85	51.4371	9.8
...	44°344	+19°237	-5	...	...	e	52°671	-51°734	-1	51.4358	9.7	e	59°654	-51°909	0°70	51.4373	9.6
66I	+44°556	-8°249	1°95	50.4404	8.4	70I	+52°958	+1°074	1°30	50.4413	9.0	74I	+59°708	+40°436	-5	...	...
S *	44°715	+4°385	-5	...	...	*	53°067	-30°874	-5	...	...	...					
...	45°309	+47°088	-4	51.4353	9.9	...	53°123	-56°647	-5	...	...	...					
...	45°390	-24°338	-4	...	...	...	53°155	+1°754	0°70	50.4414	9.7	...					
...	45°415	+2°569	-4	...	...	...	53°526	+16°441	-4	...	...	...					
...	+45°636	+8°570	0°75	50.4405	9.7	S e *	+53°644	-39°269	1°00	51.4359	9.4	...					
...	45°711	-27°389	-5	...	...	...	53°682	+41°840	0°65	50.4412	9.7	...					
...	45°835	+27°090	-5	...	...	...	53°988	+22°851	-3	50.4416	9.9	...					
...	45°884	-16°622	-5	...	...	e	54°014	-47°099	0°95	51.4362	9.5	E *	52°531	-29°760	1°00	51.4371	9.8
*	46°070	+0°068	0°95	50.4406	9.4	e *	54°128	-20°387	1°40	51.4360	9.0	...	52°504	-16°720	1°20	51.4372	9.2

1-10						11-20						21-30					
I	-59°839	+20°748	-3	50.4417	9.9	II	-57°369	-47°167	-1	51.4362	9.5	2I	-52°869	-11°685	-5	...	...
†	59°348	+22°981	-3	50.4418	9.9	E	57°260	+18°479	-5	...	...	...	52°858	-26°149	-4	E	...
...	59°195	+20°871	-5	50.4419	9.9	...	56°339	-37°374	-3	51.4363	9.9	...	52°786	+56°284	-4	49.4437	9.7
E	58°517	-51°847	-4	51.4358	9.7	E	56°129	+49°513	1°00	50.4421	9.4	...	52°761	+41°299	-3	50.4422	9.7
*	58°373	+53°734	1°20	49.4430	9.2	†	55°348	-59°460	-4	51.4364	9.8	E	52°739	-47°376	-1	51.4369	9.7
E *	-58°343	-20°464	1°80	51.4360	9.0	...	-54°739	-13°746	-5	E	...	E	-52°733	-31°622	-3	51.4370	9.9
...	58°196	-15°686	1°00	51.4361	9.5	...	54°402	-49°546	-3	51.4366	9.6	...	52°724	+46°538	-2	50.4423	9.6
S E *	58°056	-39°358	1°15	51.4359	9.4	E	54°211	-43°960	-5	51.4367	9.9	E *	52°531	-29°760	1°00	51.4371	9.8
...	57°531	-39°541	-5	E	...	E	53°441	-30°606	-3	51.4368	9.9	*	52°504	-16°720	1°20	51.4372	9.2
...	57°492	+5°107	-3	50.4420	9.7	...	53°330	-14°358	-5	E	...	...	52°077	+41°865	-3	50.4424	9.7

$\frac{M}{\S} 10.5 = D, -5.$
 L measured from 1, 108, 223, 313, 412, 516.
 C " " 39, 168, 269, 358, 471, 567.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
31-90						91-150						151-210					
3I	-51°23	+53°344	-5	49.4439	9.9	9I	-41°930	-12°584	-4	...	...	15I	-33°126	+6°329	-3	50.4455	9.9
...	51°901	+52°402	-3	49.4438	9.7	...	41°823	+37°216	-3	50.4440	9.9	...	32°657	+19°591	-5	...	...
...	51°665	+30°338	-1	50.4425	9.6	*	41°617	-12°898	0.90	51.4396	9.7	...	32°626	-29°543	0.70	...	...
E	51°557	-51°743	-1	51.4373	9.6	...	41°182	+13°947	-5	...	...	...	32°478	-40°896	-3	...	...
...	51°023	+40°285	-3	50.4427	9.8	...	41°023	-25°905	-1	51.4397	9.9	*	32°442	-30°628	1.00	51.4418	9.6
...	-50°631	-14°230	-5	...	...	*	-41°004	+47°583	1.20	50.4443	9.3	*	-32°256	+37°663	1.70	50.4456	9.1
+	50°486	+4°725	1.10	50.4426	9.5	...	41°003	+32°417	-2	50.4441	9.9	...	32°126	-31°134	0.75	51.4419	9.9
*	50°466	-10°481	1.05	51.4375	9.5	*	40°899	-30°473	1.00	51.4398	9.5	...	32°086	-33°050	0.85	51.4420	9.7
...	49°922	+47°158	-5	...	...	...	40°751	+16°390	-5	...	...	...	31°703	-24°435	0.85	51.4421	9.8
†	49°884	+45°975	1.00	...	...	*	40°690	-2°872	1.00	...	...	...	31°442	+27°541	0.90	50.4457	9.7
4I	...	...	...	50.4428	8.8	IOI	...	...	...	50.4442	8.8	16I	...	...	...	...	...
+	-49°873	+45°888	1.25	...	...	*	-40°581	-2°841	1.40	...	...	...	-31°437	-58°308	-5	...	...
...	49°714	-40°790	0.80	51.4376	9.6	...	40°576	-22°497	0.80	51.4399	9.9	*	31°093	-49°512	1.15	51.4422	9.4
...	49°603	+0°029	-5	...	...	...	40°550	-33°112	-5	...	...	...	30°995	-39°128	-2	51.4423	9.9
...	49°543	-20°645	-4	...	...	...	40°521	+43°627	-2	50.4445	9.7	...	30°961	-40°135	-5	...	...
...	49°488	+27°499	-4	...	...	...	40°464	+17°304	-4	50.4444	9.9	...	30°228	-1°327	-5	...	...
†	-49°409	+4°700	-5	...	...	...	-40°304	+42°120	-4	50.4446	9.9	†	-30°095	+40°841	-2	50.4458	9.6
...	49°261	+28°273	-3	50.4429	9.9	...	40°123	-33°371	0.90	51.4400	9.8	...	30°084	-43°958	-1	51.4425	9.9
*	49°220	+55°257	3.50	49.4445	8.1	†	39°862	+4°916	-5	...	...	†	29°845	+39°554	-1	50.4460	9.6
...	49°032	-6°125	-4	...	...	...	39°542	-5°608	-3	...	...	*	29°667	+0°650	0.95	50.4459	9.7
*	48°985	+19°362	1.00	50.4430	9.5	...	39°230	-4°511	-5	...	...	...	29°545	+14°422	0.90	50.4461	9.7
5I	...	...	...	...	...	III	...	...	...	...	...	17I	...	...	...	...	...
...	-48°788	-38°955	0.85	51.4379	9.7	...	-38°929	-13°111	-5	...	...	...	-29°448	-51°367	-1	51.4426	9.8
...	48°540	-15°310	-4	...	...	...	38°831	-5°125	-1	50.4447	9.7	...	29°116	+7°521	-5	...	...
...	48°323	-57°943	-5	...	...	*	38°624	-31°062	1.15	51.4401	9.4	*	28°877	-55°997	2.20	51.4427	8.7
...	48°224	-17°617	0.95	51.4383	9.7	...	38°604	-48°954	-5	...	...	...	28°841	-59°820	0.95	51.4428	9.7
*	48°173	-38°021	1.15	51.4381	9.3	...	38°586	-58°592	-5	...	...	...	28°812	-28°954	0.90	51.4429	9.8
...	-48°129	+50°671	-5	50.4431	9.9	...	-38°472	-59°118	-4	...	...	...	-27°791	-3°291	-4	...	...
...	48°126	-34°260	-4	...	...	...	38°308	-13°096	0.95	51.4403	9.6	*	27°531	+35°370	1.00	50.4463	9.5
...	48°097	-27°081	-3	51.4382	9.9	S *	38°231	+12°158	1.45	50.4448	9.0	*	27°354	+17°373	1.20	50.4462	9.3
...	47°649	+9°217	-3	...	...	...	38°218	+10°998	-5	...	...	...	27°061	+7°384	-5	...	...
...	47°258	-20°835	-4	...	...	...	37°972	+17°207	-3	...	...	...	26°953	-7°515	-3	50.4464	9.8
6I	...	...	...	...	...	12I	...	...	...	...	...	18I	...	...	...	...	...
...	-47°233	+0°268	-5	...	...	...	-37°804	-50°582	-1	51.4402	9.7	*	-26°874	-6°865	1.00	50.4465	9.5
...	47°181	-36°972	-5	...	...	...	37°543	+31°759	-3	50.4449	9.9	...	26°235	-57°671	-5	...	...
...	46°971	+18°951	-1	50.4432	9.7	*	36°609	-29°271	1.20	51.4405	9.4	...	26°128	-22°249	-5	...	...
...	46°430	+10°852	0.90	50.4433	9.6	*	36°342	-57°407	1.70	51.4404	9.4	...	26°052	+26°248	-3	...	...
...	46°330	-23°492	-3	51.4385	9.9	...	36°171	-54°582	-4	51.4406	9.9	...	25°706	+29°177	-5	...	...
...	-46°209	-3°316	-4	...	...	*	-36°167	+7°034	1.10	50.4450	9.4	...	-25°497	-38°933	-4	...	...
...	45°743	-41°213	-3	51.4386	9.9	*	36°139	-26°112	1.00	51.4408	9.5	...	25°172	+25°865	-1	50.4466	9.9
...	45°584	-48°043	-5	...	...	...	36°096	+29°868	-5	...	...	*	24°874	+26°698	1.00	50.4467	9.5
...	45°393	+40°223	0.65	50.4434	9.6	*	36°026	+7°326	1.00	50.4451	9.5	...	24°463	+10°974	0.95	50.4468	9.7
...	45°041	-5°886	-3	...	...	...	35°963	-54°308	-4	51.4407	9.9	...	24°364	+40°614	-1	50.4471	9.7
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
†	-44°882	+34°621	-4	50.4435	9.9	†	-35°782	+39°704	-5	...	...	...	-24°254	+13°765	0.70	50.4469	9.9
...	44°801	-40°692	-3	51.4387	9.9	...	35°606	+8°179	-3	...	...	...	24°231	+9°351	0.65	50.4470	9.7
...	44°759	+40°915	-5	...	...	...	35°566	+40°015	-1	50.4453	9.5	...	24°071	+23°628	-3	...	...
...	44°647	+30°771	-3	50.4437	9.9	...	35°454	+19°646	1.05	50.4452	9.4	*	23°970	-42°059	1.00	51.4431	9.6
...	44°579	-1°628	-2	...	...	...	35°289	+25°522	1.30	50.4454	9.1	*	23°843	-11°467	1.00	51.4432	9.6
†	-44°549	+24°710	-5	...	...	...	-35°222	+4°553	-5	...	...	...	-23°795	+40°116	-2	50.4474	9.7
*	44°498	-45°399	1.40	51.4389	9.4	...	35°143	+19°254	-5	...	...	...	23°771	-10°330	0.85	51.4433	9.8
...	44°443	-37°535	1.00	51.4390	9.6	...	35°121	-30°658	0.95	51.4411	9.9	...	23°756	+10°088	0.80	50.4473	9.6
...	44°307	+7°290	-3	50.4436	9.8	†	34°996	-53°500	2.20	51.4409	8.7	...	23°702	+5°649	-4	...	...
*	44°181	-57°011	1.30	51.4388	9.1	†	34°995	-15°297	-3	51.4412	9.9	*	23°682	+4°947	1.05	50.4472	9.4
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
...	-43°487	-32°809	0.80	51.4391	9.7	†	-34°965	-36°772	1.00	51.4410	9.6	...	-23°662	-24°202	-3	...	...
...	43°290	-22°347	-1	...	...	n	34°708	-16°458	0.90	51.4413	9.4	...	23°446	-1°351	-3	...	...
...	42°917	+15°951	0.80	50.4439	9.9	†	34°671	-30°208	-5	...	...	*	23°433	+13°909	1.00	50.4475	9.6
...	42°869	+39°500	-5	...	...	...	34°580	+55°415	-4	...	...	...	22°890	-27°869	-3	...	...
...	42°812	-0°883	0.90	50.4438	9.7	...	34°480	-16°455	0.90	51.4413	9.4	*	22°838	+47°715	1.25	50.4477	9.0
*	-42°271	-56°011	1.10	51.4392	9.4	n	-34°308	+6°600	-4	...	...	*	-22°739	+35°713	0.90	50.4476	9.6
...	42°118	-58°396	-5	...	...	...	34°102	-31°077	-3	...	...	...	22°726	-18°359	-5	...	...
...	42°075	-32°657	-5	...	...	...	33°775	+13°627	-5	...	...	...	22°573	-20°028	-5	...	...
...	42°024	-18°300	-2	51.4395	9.9	*	33°586	-17°846	1.10	51.4416	9.4	*	22°446	-19°202	1.00	51.4434	9.7
...	41°959	+45°902	-5	...	...	*	33°491	-16°058	1.90	51.4417	8.8	...	21°969	+41°764	0.85	50.4478	9.6

§ 10.5 = D, - 5.

142, 145. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
211-270						271-330						331-390					
21I	-21°42'	-47°450	-4	...	...	27I	-9°163	-19°522	-2	51.4452	9.9	33I	+3°745	+38°79I	-4	...	...
...	21°509	-17°905	-4	...	...	...	9°065	+53°169	0.90	49.448I	9.7	...	3°795	-10°3II	-4	...	...
...	21°504	+23°63I	-4	...	...	...	9°0II	-54°7I0	0.65	51.445I	9.9	...	4°092	-53°820	-I	51.447I	9.7
S *	21°354	+47°925	I.35	50.4480	9.0	*	8°756	+13°4I2	I.20	50.4493	9.2	*	5°224	+7°703	2.00	50.4507	8.8
*	21°246	-2°148	I.05	50.4479	9.5	...	8°414	-5°447	-2	...	...	...	5°390	+19°II4	-5	...	...
...	-21°15I	-32°799	0.80	51.4435	9.9	a	-8°37I	+0°6I3	-2	50.4494	9.9	...	+5°528	+49°019	-4	...	...
†	20°83I	+9°740	0.85	50.448I	9.8	...	8°302	-12°0II	-3	...	...	...	5°906	+5°888	-3	...	...
*	20°574	-58°504	I.90	51.4436	8.8	...	8°243	-7°780	-3	...	...	...	5°972	+13°I65	-5	b	...
...	20°542	+17°622	-4	...	...	...	8°045	-18°454	0.80	51.4454	9.9	...	6°I7I	+33°866	0.75	50.4508	9.9
...	20°414	+58°753	-5	49.447I	9.9	...	7°875	-42°039	0.70	...	...	N	6°257	-59°876	-4	...	...
22I	-20°185	+36°834	-5	...	...	28I	-7°506	+35°357	-5	...	...	34I	+6°440	-2°64I	-5	...	...
†	20°055	+26°953	I.05	50.4482	9.4	...	7°398	-44°403	-5	...	...	...	6°50I	-8°540	-5	...	...
...	I9°15I	+38°305	-4	...	...	S *	7°368	+30°920	I.20	50.4495	9.3	...	6°505	+10°434	-5	...	...
...	I8°989	-8°482	-4	...	...	...	7°244	+18°753	-2	...	...	...	7°486	+45°58I	-3	50.4509	9.9
*	I8°952	-34°709	I.90	51.4437	8.8	...	7°072	-39°989	-5	...	...	*	7°904	-45°225	I.00	51.4472	9.6
...	-I8°45I	+50°759	-5	...	...	...	-6°872	+31°656	-4	50.4496	9.9	...	+7°956	+51°83I	-4	...	...
S *	I8°386	-I°010	2.95	50.4483	8.1	...	6°605	+32°530	-3	50.4497	9.9	...	8°I35	+8°789	-4	...	...
*	I8°384	-50°877	I.30	51.4438	9.2	...	6°270	+31°34I	-3	...	...	...	8°I65	+37°033	0.80	50.4510	9.8
...	I7°784	+36°18I	-3	50.4484	9.8	...	5°99I	-15°626	-5	...	...	...	8°506	+32°I20	-2	...	...
...	I7°78I	+12°555	-4	...	...	...	5°950	-14°246	-4	...	...	...	8°568	+20°8I3	0.80	50.4512	9.9
23I	-17°563	+15°402	0.65	50.4485	9.9	29I	-5°900	-29°467	0.95	51.4456	9.7	35I	+8°705	+40°847	0.95	50.451I	9.7
...	I7°018	-19°234	-3	...	...	*	5°422	-23°25I	I.00	51.4457	9.6	*	8°746	+I°645	I.00	50.4513	9.4
*	I6°68I	+55°463	I.70	49.4474	9.1	...	5°280	+35°045	-3	...	...	...	8°777	-58°518	-5	...	...
...	I6°669	+7°853	-2	...	...	...	4°985	+42°616	I.00	50.4498	9.4	...	9°024	-6°482	-4	...	...
...	I6°435	-31°364	0.85	51.4439	9.8	a *	4°916	+0°068	I.15	50.4499	9.2	†	9°209	-45°039	-5	...	...
...	-I6°4II	-10°610	-5	...	...	...	-4°740	+27°696	-3	...	...	...	+9°239	+13°485	0.75	50.4514	9.9
...	I6°2II	-43°382	-5	...	...	...	4°276	+20°257	-3	...	...	...	9°596	-43°690	0.90	51.4473	9.8
...	I5°868	-41°045	-2	51.4440	9.9	...	3°838	-22°635	-3	...	...	...	I0°016	+10°415	-5	b	...
...	I5°635	+21°878	0.65	50.4486	9.9	...	3°803	-4°085	-5	...	...	...	II°237	-43°015	-2	...	...
...	I5°449	+17°368	-3	...	...	...	3°742	-2°273	0.90	50.4500	9.6	...	II°264	+42°598	-5	...	...
24I	-15°289	+20°272	-5	...	...	30I	-3°365	-15°928	I.05	51.4458	9.4	36I	+II°364	-23°512	-5	...	...
*	I5°174	-14°83I	I.00	51.4442	9.5	...	3°28I	-17°870	-3	...	...	*	II°373	+10°222	0.85	50.4515	9.9
S *	I5°139	-35°89I	I.80	51.444I	8.5	*	2°983	-54°312	I.05	51.4459	9.6	...	II°387	+55°598	-4	49.4506	9.9
†	I5°088	+18°68I	-3	...	...	...	2°782	+43°306	I.00	50.450I	9.6	...	II°633	-22°24I	-3	51.4475	9.9
...	I4°668	-19°027	-2	51.4444	9.9	...	2°684	+33°615	-4	...	...	...	II°66I	-29°585	-5	...	...
*	-I4°604	-57°236	I.15	51.4443	9.6	...	-2°668	+8°163	-4	...	...	*	+II°688	-33°933	I.60	51.4474	9.0
...	I4°564	-11°024	-2	...	...	...	I°917	-28°946	0.70	51.4460	9.9	...	II°866	-54°8II	0.85	51.4476	9.9
...	I4°499	+16°59I	-5	...	...	...	I°743	-45°884	0.90	51.4462	9.7	...	II°914	-43°216	-5	...	...
...	I4°385	+30°693	-3	...	...	...	I°729	-34°434	0.90	51.446I	9.7	...	I2°030	+35°158	-5	b	...
...	I4°372	-53°78I	-4	...	...	*	I°313	-58°163	I.00	51.4463	9.6	*	I2°138	-0°95I	I.00	50.4516	9.6
25I	-14°358	+49°828	-4	50.4487	9.9	31I	-0°349	+33°648	-3	...	...	37I	+I2°497	+27°996	-2	...	...
...	I4°345	-18°220	-3	...	...	...	-0°293	+34°998	-4	50.4502	9.9	...	I2°965	-20°983	0.75	51.4478	9.8
...	I4°16I	-32°04I	0.95	51.4445	9.7	*	+0°248	-52°103	I.00	51.4466	9.7	...	I3°13I	-I°82I	0.70	...	...
...	I4°049	+27°880	-2	50.4488	9.9	...	0°52I	+25°942	-5	...	...	...	I3°414	+24°242	-4	...	...
...	I3°872	+39°997	-5	...	...	...	0°674	+4°90I	-5	Bm	...	*	I3°533	-10°8II	0.90	51.4479	9.8
...	-I3°690	-6°117	-4	...	...	*	+I°153	-8°036	I.00	50.4503	9.4	...	+I3°646	-0°342	-4	...	...
...	I3°603	-23°870	-I	51.4446	9.9	*	I°168	-19°360	I.00	51.4468	9.6	*	I3°703	+22°279	I.05	50.4517	9.5
...	I3°472	+20°907	0.75	50.4489	9.8	...	I°657	+I°959	-2	...	...	...	I3°713	+10°08I	-5	...	...
...	I3°080	-I°863	0.80	50.4490	9.9	...	I°837	+48°216	-4	...	...	...	I3°747	-9°03I	-5	...	...
...	II°964	+23°56I	-3	...	...	...	2°104	+25°307	-I	...	...	...	I3°856	-55°587	-4	...	...
26I	-11°759	-7°880	-5	...	...	32I	+2°183	-32°773	0.80	51.4469	9.9	38I	+I3°898	-17°904	-3	...	...
...	II°606	+37°80I	-3	...	...	...	2°740	-10°95I	-3	...	...	...	I4°32I	-43°280	0.80	51.4480	9.9
...	II°603	+12°946	-5	A	...	*	2°744	-4°936	0.95	50.4504	9.6	...	I4°583	+37°15I	-3	...	...
*	II°315	-31°780	I.00	51.4448	9.4	...	2°824	-27°479	-4	...	...	†	I4°856	-38°457	0.65	51.448I	9.9
...	II°196	-43°117	-3	...	...	*	2°936	-5°673	I.25	50.4505	9.3	...	I5°236	+14°007	-5	...	...
...	-10°540	+20°185	-5	...	...	...	+3°244	+53°398	-5	...	...	...	+I5°252	+23°736	-3	...	...
†	I0°139	+31°998	-5	...	...	...	3°368	+17°148	0.90	50.4506	9.8	...	I5°562	+33°234	-4	...	...
...	I0°095	-53°874	-5	...	...	...	3°42I	-19°178	-3	...	...	...	I5°690	+6°174	-5	...	...
...	9°93I	-7°288	-2	50.449I	9.9	...	3°687	-14°524	-I	51.4470	9.8	...	I5°858	+12°084	-5	...	...
...	9°445	+12°492	0.80	50.4492	9.7	...	3°736	+8°574	-5	b	...	...	I5°88I	-50°346	-3	...	...

§ 10.5 = D. - 5.

340. Partly obscured by fault.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
391-450						451-510						511-570					
39I	+16°013	-49°955	0.85	51.4482	9.8	45I	+26°680	-38°488	2.50	51.4501	8.4	51I	+38°993	-17°790	1.00	51.4524	9.6
...	16°273	-15°796	-3	51.4483	9.9	SN *	26°689	+49°994	3.05	50.4534	8.0	*	39°169	-19°309	2.60	51.4525	8.3
n	16°427	+13°561	-2	50.4518	9.6	...	26°757	+21°176	-2	50.4537	9.7	*	39°196	+24°868	1.15	50.4555	9.1
n *	16°741	+13°730	1.00	51.4484	9.9	...	26°775	-50°469	-3	...	...	...	39°224	+3°088	-2	50.4556	10.1
...	16°863	-15°297	0.70	...	...	...	26°808	-30°601	-1	51.4502	9.9	...	39°378	-32°267	-1	51.4526	9.9
...	+16°908	-21°206	-1	...	...	...	+27°071	+13°464	-3	...	...	...	+39°860	+53°280	-4	49.4549	10.0
...	17°576	+49°995	-3	50.4519	9.9	...	27°196	+9°898	-5	...	...	*	40°333	+3°582	1.00	50.4557	9.4
...	17°876	-36°041	-5	...	...	...	27°236	-32°292	-5	...	...	S *	40°543	-33°335	2.60	51.4527	7.9
...	17°976	-50°639	-3	...	...	...	27°243	+54°592	1.00	49.4524	9.6	*	40°651	-47°568	1.00	51.4528	9.8
...	18°175	-46°559	0.90	51.4485	9.8	...	27°282	+19°133	0.80	50.4538	9.9	...	40°707	+18°583	-5	...	...
40I	...	...	...	...	...	46I	...	...	...	...	...	52I	...	...	...	...	...
...	+18°354	+28°637	-4	...	...	...	+27°726	-59°239	-3	51.4503	9.9	*	+40°885	+54°316	1.20	49.4553	9.2
...	18°849	-29°423	-2	...	...	...	27°984	+28°736	0.95	50.4539	9.7	...	41°254	+0°816	-4	50.4558	10.1
...	18°939	-12°075	-3	...	...	...	28°102	+6°515	-3	...	...	...	41°415	-25°828	-2	51.4529	10.0
S *	19°215	+8°777	3.45	50.4521	8.0	...	28°156	-6°481	0.70	50.4540	9.9	...	41°433	-20°588	-5	...	...
...	19°263	+41°567	0.70	50.4520	9.8	...	28°822	-11°965	-3	...	...	...	41°624	-24°781	-1	51.4530	9.9
...	+19°454	+41°838	0.80	50.4522	9.8	...	+28°837	-28°679	-5	...	...	...	+42°205	-5°247	-5	...	...
*	19°470	-40°797	1.60	51.4487	8.9	S *	29°231	-8°829	3.35	51.4504	7.7	...	42°256	+58°894	-1	49.4556	9.6
...	19°514	+7°489	-3	...	...	*	29°297	-31°538	1.00	51.4505	9.6	†	42°276	-20°054	-2	51.4531	10.0
...	19°628	+22°504	0.70	50.4523	9.9	...	29°535	+27°078	-3	...	...	*	42°692	-1°689	1.00	50.4560	9.6
...	19°727	+18°278	0.70	50.4524	9.9	...	29°702	+17°638	0.85	50.4541	9.9	*	42°762	+42°140	1.50	50.4559	9.1
41I	...	...	...	...	...	47I	...	...	...	...	...	53I	...	...	...	...	...
†	+19°813	+12°385	-5	...	...	...	+29°967	+46°458	-5	...	...	*	+43°268	-8°294	1.45	50.4562	8.9
...	20°284	-30°692	-5	...	...	...	30°072	+41°277	-5	...	...	...	43°282	-59°742	-1	51.4534	10.0
...	20°585	+30°796	-3	...	...	*	30°981	-37°016	1.50	51.4506	8.9	...	43°329	-12°777	-3	51.4532	10.1
...	20°617	-11°907	-1	51.4489	9.9	*	31°238	+4°945	1.40	50.4542	8.8	*	43°647	-46°524	1.00	51.4536	9.6
...	20°927	-30°808	-5	...	...	†	31°294	+24°782	-4	...	...	...	43°878	+41°156	-5	50.4561	10.1
...	+21°316	-15°992	-5	...	...	...	+31°743	-36°680	-1	51.4508	10.0	...	+44°099	-10°835	-1	51.4535	9.9
...	21°324	-11°773	-5	...	...	...	31°748	+56°873	-3	49.4532	9.7	...	44°164	-1°407	-5	...	...
...	21°756	+9°232	0.90	50.4525	9.8	...	32°073	-48°560	-3	51.4510	9.9	*	44°190	+38°755	1.05	50.4564	9.5
*	21°826	-10°433	1.20	51.4491	9.4	...	32°234	-28°564	-2	51.4509	10.0	†	44°303	+49°706	-2	50.4563	9.6
...	22°128	-48°636	-4	51.4492	9.9	...	32°617	-36°944	-4	51.4511	10.1	...	44°587	+50°999	-4	50.4565	10.0
42I	...	...	...	...	...	48I	...	...	...	...	...	54I	...	...	...	...	...
*	+22°515	-33°286	1.40	51.4493	9.1	...	+32°804	+42°332	-3	50.4543	9.8	...	+44°875	+1°559	-5	...	...
...	22°610	+17°156	-5	...	...	...	32°939	-34°951	-3	51.4512	10.1	...	44°952	+28°364	-5	...	...
...	22°795	+18°072	-5	...	...	*	33°091	+17°325	1.05	50.4544	9.2	S *	44°983	+3°833	2.90	50.4566	7.9
...	22°802	+22°356	0.70	50.4526	9.9	...	33°262	-21°943	-3	51.4513	10.1	...	45°030	-33°568	-2	51.4538	10.0
...	23°104	+21°507	-3	...	...	*	33°778	+36°547	1.50	50.4545	8.8	*	45°691	+22°411	1.00	50.4568	9.5
*	+23°409	-42°589	1.20	51.4494	9.4	*	+33°888	-58°916	1.15	51.4517	9.6	...	+45°790	+18°034	-5	...	...
...	23°457	-37°547	-1	51.4495	9.7	*	33°915	-44°476	1.20	51.4515	9.4	*	45°868	+34°865	1.20	50.4567	9.4
...	23°584	+23°540	-3	50.4528	9.9	...	34°084	-31°305	-5	51.4516	10.1	...	46°137	-21°919	-3	51.4539	10.0
...	23°708	+23°013	0.70	50.4529	9.9	...	34°088	+37°132	0.95	50.4546	9.6	...	46°645	+52°026	-3	49.4565	9.8
*	23°760	-33°455	1.00	51.4496	9.8	...	34°499	+40°229	-5	...	...	*	47°183	+15°185	1.05	50.4569	9.4
43I	...	...	...	...	...	49I	...	...	...	...	...	55I	...	...	...	...	...
*	+23°761	+43°636	1.25	50.4527	9.1	*	+34°568	+35°728	1.40	50.4547	8.9	*	+47°215	+11°869	1.10	50.4570	9.4
...	23°772	-4°351	-5	...	...	†	34°859	+37°343	-3	50.4548	9.9	...	47°563	+8°354	0.70	50.4571	9.9
...	23°788	-54°030	-4	...	...	...	35°136	-34°818	-4	51.4520	10.0	*	47°618	-10°766	1.00	51.4542	9.6
*	23°885	+44°119	1.10	...	...	*	35°151	+12°180	0.90	50.4550	9.7	...	47°743	-48°646	-1	51.4543	9.7
...	23°922	+44°238	-2	50.4530	9.0	...	35°181	+32°341	0.85	50.4549	9.7	...	47°752	-45°518	-4	51.4544	9.9
...	+23°958	+4°003	-3	...	...	...	+35°228	-30°246	-5	51.4519	10.1	...	+48°065	-48°444	-4	51.4545	10.1
*	24°141	+26°579	1.00	50.4531	9.3	*	35°312	-4°108	1.05	50.4551	9.4	*	48°121	-3°237	1.00	50.4572	9.8
S *	24°524	-56°778	1.90	51.4497	8.9	...	35°577	-43°871	-5	...	...	...	48°572	+55°785	-2	49.4568	9.8
...	24°539	-19°063	0.75	...	...	...	36°368	+56°481	-3	49.4537	9.8	*	48°787	-8°241	1.90	50.4576	9.8
...	24°583	+43°097	-4	...	...	...	36°455	-53°434	-3	51.4521	10.0	...	48°842	+14°298	-1	50.4574	10.0
44I	...	...	...	...	...	50I	...	...	...	...	...	56I	...	...	...	...	...
†	+24°896	+47°500	2.00	50.4532	8.6	...	+36°564	+14°932	-1	50.4552	9.9	†	+48°930	+19°699	-1	50.4573	9.8
†	24°905	+16°039	-3	...	...	...	36°683	-3°226	-5	...	...	...	49°292	-55°414	-5	51.4546	10.1
...	25°494	+26°563	-3	...	...	*	36°830	-45°357	1.15	51.4522	9.5	...	49°383	+12°366	-5	...	...
*	25°753	+1°595	1.00	50.4533	9.6	...	37°056	+14°020	-4	50.4553	10.1	...	49°608	+50°834	-4	50.4575	9.9
...	25°969	-32°511	-1	51.4499	9.9	...	37°073	-35°236	-5	...	...	...	49°653	+10°376	-5	...	...
*	+26°019	-18°867	1.90	51.4498	8.7	...	+37°570	-29°365	-2	51.4523	10.0	†	+49°654	+37°286	-3	50.4577	9.8
...	26°231	+0°223	-2	50.4536	9.9	...	37°620	+59°415	-5	49.4542	9.9	*	50°317	+14°086	3.40	50.4579	7.9
*	26°322	-50°363	1.30	51.4500	9.1	...	37°917	+52°898	-4	49.4543	10.0	...	50°402	-39°373	-3	51.4547	10.0
*	26°532	+25°093	2.10	50.4535	8.3	†	38°213	+44°748	-5	50.4554	10.0	...	50°410	-5°879	0.65	50.4580	10.0
...	26°639	+41°126	-5	...	...	...	38°503	-7°476	-5	...	...	...	50°561	-0°579	-4	...	...

M

§ 10.5 = D, -5.

393, 394. C.P.D., suspected double.

452. Remeasure 1916, x = 26°701.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
571-590						591-610						611-618					
57I *	+50°580	+31°450	1°30	50.4578	9.0	59I †	+53°552	+54°656	—5	49.4578	9.8	61I *	+57°950	+52°077	1°00	49.4586	9.4
...	50°633	+52°472	—4	49.4573	9.8	e	53°656	—40°152	—4	51.4555	10.1	...	58°293	+28°377	—5	50.4596	10.1
...	51°178	—22°132	—5	...	...	...	54°278	+18°984	—3	50.4587	9.9	e	58°370	—41°044	—3	51.4564	9.9
...	51°280	+37°490	0°90	50.4581	9.6	e	54°426	—45°998	—4	51.4558	9.8	...	58°471	+19°156	—5	50.4597	10.1
...	51°436	+37°956	—5	50.4582	10.0	e	54°936	—45°275	—3	51.4559	9.8	...	58°560	—7°698	—5	e	...
...	+51°447	—29°424	—3	51.4549	10.0	...	+54°937	+3°914	—2	50.4588	10.0	*	+59°086	+41°152	1°00	50.4598	9.4
...	51°487	—9°890	—2	51.4548	10.0	e	55°022	—9°795	0°70	51.4557	10.0	...	59°427	+22°658	—4	50.4600	9.8
*	51°583	+9°293	1°10	50.4583	9.3	...	55°690	—19°751	—5	...	...	*	59°502	+23°766	1°10	50.4599	9.2
...	51°593	+2°895	—5	a	...	N	56°142	+42°846	—5	50.4589	10.0						
*	51°613	+1°278	1°05	50.4584	9.3	S * 60I	56°332	+27°463	2°35	50.4590	8.4						
58I e *	+51°830	—56°214	1°05	51.4553	9.5	e *	+56°379	—34°377	1°20	51.4562	9.3						
e *	52°130	—34°636	1°30	51.4551	9.1	...	56°624	+22°614	—5	50.4591	10.0						
...	52°145	—19°474	—4	51.4550	10.0	...	57°020	+51°451	0°95	49.4584	9.6						
e *	52°334	—35°707	1°00	51.4552	9.6	*	57°107	+17°181	1°10	50.4593	9.2						
...	52°408	—7°565	—5	...	...	*	57°269	+45°372	1°50	50.4592	8.9						
...	+52°513	+37°099	—4	50.4585	10.0	...	+57°330	+11°451	0°70	50.4595	9.8						
...	52°854	+7°453	—3	50.4586	10.0	...	57°696	+39°042	—1	50.4594	9.8						
e *	52°874	—56°920	3°00	51.4554	8.3	...	57°711	—30°942	—5	...	...						
...	52°918	+59°332	—5	49.4576	10.1	Se *	57°863	—24°744	1°80	51.4563	9.0						
e	53°508	—56°581	0°85	51.4556	9.8	...	57°941	—4°739	—4	e	...						

§ 10.5 = D, — 5.

599. 1st image obscured by fault; 2nd image measured and corrected; extremely faint.

1-30						31-60						61-90					
I	...	...	...	...	...	31 ^I SE *	...	...	...	...	...	61 ^I *	...	...	...	...	...
E *	59°813	+18°868	—3	50.4587	9.9	*	—54°440	—24°675	1°55	51.4563	9.0	*	—47°162	—47°656	1°00	51.4574	9.6
E *	59°746	—34°795	1°20	51.4551	9.1	E	53°448	+51°135	2°20	50.4601	8.7	...	46°989	+6°623	0°70	50.4614	9.9
E	59°521	—35°853	—1	51.4552	9.6	...	53°257	—40°926	—4	51.4564	9.9	*	46°933	—7°902	1°50	50.4612	8.8
E	59°175	—56°354	—1	51.4553	9.5	...	52°362	+19°518	—5	...	...	R	46°914	—48°235	—5	51.4575	10.1
R	58°906	+42°803	—5	50.4589	10.0	...	52°197	+5°015	—5	...	...	...	46°578	—0°937	—3	50.4615	10.0
...	—58°538	+3°839	—3	50.4588	10.0	...	—52°132	+32°727	—5	50.4603	10.0	...	—46°170	+53°370	—3	49.4614	9.8
...	58°381	+51°424	—1	49.4584	9.6	...	52°006	+43°244	—3	50.4604	9.8	...	46°130	—55°617	1°00	51.4576	9.6
E *	58°106	—57°037	3°00	51.4554	8.3	*	51°973	+16°983	1°10	50.4602	9.2	*	46°087	—18°487	1°00	51.4577	9.6
S *	58°083	+27°421	2°45	50.4590	8.4	...	51°365	—6°588	—5	...	...	...	45°931	+34°417	—5	50.4616	10.0
E	58°017	—40°243	—4	51.4555	10.1	...	51°174	+9°076	—4	50.4605	10.0	*	45°432	+12°204	1°00	50.4617	9.6
II	...	...	...	...	...	41 ^I F †	...	...	...	...	...	71 ^I *	...	...	...	...	...
E	—57°895	—9°862	—3	51.4557	10.0	...	—50°786	—47°450	—4	51.4565	10.0	...	—45°384	+19°444	1°00	50.4618	9.6
*	57°883	+45°354	1°60	50.4592	8.9	...	50°098	—0°233	—3	50.4606	10.0	*	45°286	—49°719	1°00	51.4578	9.7
...	57°628	+22°587	—5	50.4591	10.0	...	49°921	+21°738	—4	50.4607	10.1	...	44°879	—22°912	—4	51.4579	10.1
E	57°512	—56°659	—3	51.4556	9.8	...	49°571	—31°114	0°65	51.4566	9.8	...	44°053	—42°006	—5	51.4581	10.1
...	57°477	+52°088	1°00	49.4586	9.4	...	49°130	—15°841	—5	...	...	*	43°945	—18°870	1°00	51.4584	9.6
...	—57°216	+39°057	—4	50.4594	9.8	...	—49°055	—17°472	0°70	51.4568	9.8	†	—43°849	—10°186	0°85	51.4585	9.6
E	57°027	—46°054	—5	51.4558	9.8	...	49°005	—32°769	—5	...	...	...	43°841	—39°885	—5	51.4583	10.1
*	56°897	+17°189	1°15	50.4593	9.2	*	48°952	—42°216	1°00	51.4567	9.6	*	43°700	—56°123	2°10	51.4582	8.8
E	56°539	—45°313	—3	51.4559	9.8	*	48°888	—10°584	1°00	51.4570	9.6	...	43°642	—14°549	0°80	51.4586	9.8
...	56°457	+11°471	—2	50.4595	9.8	...	48°593	—29°664	—4	51.4569	10.1	...	43°582	+16°012	—5	...	...
21 ^I R	—56°184	+28°431	—5	50.4596	10.1	51 ^I *	...	...	...	...	...	81 ^I *	...	...	...	...	...
*	55°886	+41°217	1°00	50.4598	9.4	...	—48°518	+47°047	—3	50.4608	9.8	...	—43°440	+5°248	0°70	50.4619	10.0
...	55°618	+19°220	—5	50.4597	10.1	...	48°484	—15°757	—5	51.4571	10.1	...	43°274	+9°450	0°90	50.4620	9.8
E *	55°535	—34°360	1°15	51.4562	9.3	...	48°437	—22°999	—4	51.4572	10.1	...	42°834	—2°644	—5	...	...
...	55°210	—6°267	—5	...	...	...	48°322	+49°770	—1	50.4610	9.6	...	42°792	—55°906	—3	51.4587	9.9
...	—55°174	—4°682	—5	E	...	...	48°234	+28°977	0°85	50.4609	9.6	R	42°529	+31°700	—5	50.4622	10.1
...	55°042	+55°006	—5	49.4590	9.9	...	—48°174	—18°802	—2	51.4573	9.8	...	—42°201	+5°828	—5	50.4621	10.1
...	54°808	+22°750	—5	50.4600	9.8	...	48°012	+48°547	—5	50.4611	10.0	...	42°137	+22°107	—4	50.4623	10.1
*	54°790	+23°867	1°10	50.4599	9.2	R	47°910	+50°405	—5	50.4613	10.0	...	41°552	—45°960	—1	51.4588	9.9
...	54°440	—7°628	—5	E	...	...	47°572	+7°928	—4	...	...	...	41°525	—6°288	—4	...	...
						...	47°243	+58°104	—4	49.4611	9.8	...	41°405	—26°893	0°80	51.4589	9.8

§ 10.4 = D, — 5.

Stars marked R in column 1 were measured by MC in course of the revision.

L measured from 1, 96, 206, 323, 421, 537.

C " " 43, 157, 255, 378, 487, 585.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
91-150						151-210						211-270					
9I	-40.719	+18.075	0.70	50.4624	9.9	15I	-30.754	+39.776	1.20	50.4651	9.2	21I	-19.117	-2.701	1.90	50.4672	8.5
...	40.607	+59.196	-5	49.4626	10.1	*	30.751	+44.026	1.20	50.4652	9.2	...	19.029	+13.749	0.85	50.4675	9.6
...	40.584	-17.091	0.90	51.4590	9.7	...	30.630	+2.867	0.85	50.4648	9.6	...	19.013	+1.185	-2	50.4673	10.0
...	40.359	-4.605	-5	...	...	*	30.549	+12.772	0.90	50.4649	9.7	...	18.990	-5.478	-3	...	...
...	40.275	+21.798	-5	...	...	*	30.545	+13.507	0.95	50.4650	9.6	...	18.881	-18.071	-4	51.4637	10.1
...	-39.811	+50.423	-5	50.4625	10.0	R	-30.268	+35.087	-4	...	...	R	-18.813	-44.411	-5	...	...
*	39.659	-40.863	1.15	51.4591	9.5	S †	30.142	+35.265	1.15	50.4653	8.8	S *	18.556	-32.644	3.05	51.4639	7.8
...	39.528	-39.830	-5	51.4593	10.0	...	30.011	+26.599	-4	...	...	...	18.512	+17.157	-5	...	...
...	39.485	+49.804	-3	50.4626	9.8	...	29.991	+58.988	1.00	49.4647	9.6	...	18.471	-47.078	-1	51.4638	9.9
...	39.087	-13.969	-4	51.4595	10.1	...	29.955	-18.538	0.65	51.4616	10.0	...	18.276	-7.028	-4	...	...
10I						16I						22I					
...	-39.032	-40.610	-3	51.4594	10.1	N R	-29.000	-25.781	-4	51.4618	10.1	...	-17.972	-6.859	-5	...	...
...	38.781	-25.637	-5	...	...	...	28.559	+4.374	0.85	50.4654	9.8	...	17.856	+32.141	-4	50.4676	10.1
...	38.761	+51.357	-4	50.4628	9.8	...	28.468	-45.171	-5	...	...	...	17.493	-31.308	0.80	51.4640	9.7
...	38.602	-49.191	-5	51.4596	10.1	...	28.373	+52.941	-5	49.4650	10.1	...	17.350	-40.227	-5	...	...
...	38.523	+57.489	-5	49.4632	10.0	*	28.362	-8.466	1.20	51.4621	9.1	*	17.228	-13.381	1.00	51.4642	9.6
...	-38.489	-28.704	-3	51.4597	10.0	...	-28.183	-28.654	-5	51.4620	10.1	*	-17.119	+3.784	1.00	50.4677	9.6
...	38.473	+3.852	-5	50.4627	10.1	...	27.792	+41.454	-4	B	...	...	16.972	-57.762	-3	51.4641	10.0
...	38.125	+3.079	-3	50.4629	10.1	...	27.663	+57.385	0.75	49.4652	9.6	...	16.927	-43.741	-5	...	...
...	37.891	-44.100	-5	...	...	...	27.647	-15.968	-4	...	...	...	16.906	+22.907	0.85	50.4678	9.8
*	37.825	+58.608	1.00	49.4634	9.6	...	27.564	-23.434	0.85	51.4623	9.8	...	16.722	+13.034	0.70	50.4679	9.8
11I						17I						23I					
...	-37.752	+1.929	-3	50.4630	10.1	...	-27.346	-55.541	-4	51.4622	10.1	...	-15.967	-9.498	-5	...	...
...	37.627	-23.637	-4	51.4599	10.0	...	27.079	+29.979	-4	50.4655	10.1	R	15.953	-32.517	-5	51.4643	10.1
R	37.545	+13.205	-5	...	...	...	26.568	-44.464	-5	51.4625	10.1	...	15.825	-43.902	-5	...	...
...	37.331	+31.213	-2	50.4631	10.0	...	25.812	+7.322	0.75	50.4656	9.8	*	15.771	+7.429	1.00	50.4680	9.4
*	37.308	-22.758	1.00	51.4600	9.6	R	25.811	+56.146	-5	49.4654	10.1	...	15.741	-54.073	-2	51.4644	9.8
...	-37.171	+40.841	-5	...	...	*	-25.788	-41.277	1.00	51.4626	9.5	*	-15.478	+1.276	0.95	50.4681	9.6
...	36.643	+26.731	-3	50.4632	10.0	*	25.293	-40.372	1.35	51.4628	9.2	...	15.423	-7.300	-5	...	...
*	36.512	-35.633	1.25	51.4602	9.2	†	25.200	+0.872	-3	50.4657	10.1	†	15.258	+50.887	-4	50.4682	10.0
†	36.049	+44.687	-3	50.4633	10.0	†	25.196	+12.570	0.95	50.4658	9.4	*	14.755	+2.888	1.00	50.4683	9.5
...	35.432	+45.131	-4	50.4635	10.0	...	25.181	-40.778	-3	51.4629	10.0	...	13.281	-57.171	-4	51.4646	10.0
12I						18I						24I					
...	-35.427	+22.035	0.90	50.4634	9.7	*	-25.061	+20.074	0.95	50.4659	9.6	...	-13.234	-42.132	-2	51.4645	10.0
...	35.254	-53.099	1.00	51.4603	9.7	...	24.836	-5.022	0.85	50.4660	9.8	...	12.915	-57.520	-3	51.4647	10.0
...	34.477	-32.924	0.95	51.4605	9.6	*	24.557	+25.042	1.25	50.4661	9.1	...	12.675	+20.594	-5	...	...
...	34.373	+19.827	-4	50.4636	10.1	...	24.439	+52.614	-5	...	...	...	12.463	-44.371	-3	51.4648	10.0
...	34.241	+16.463	-3	50.4637	10.1	...	24.224	-52.303	0.65	51.4630	9.7	...	12.457	+21.463	-5	...	...
...	-34.114	+28.834	-5	...	...	*	-24.133	+47.741	1.60	50.4662	8.8	†	-12.407	-15.204	0.70	51.4649	9.9
...	33.993	-31.113	-4	51.4606	10.1	...	23.893	-1.421	-5	...	...	...	12.302	+6.118	-5	...	...
S †	33.768	+4.785	1.15	50.4638	8.9	...	23.726	-0.050	-5	...	...	...	11.987	+31.494	-5	...	...
...	33.584	+38.080	-3	50.4639	10.0	...	23.663	+7.723	0.95	50.4663	9.6	...	11.734	+16.557	-4	...	...
...	33.434	+52.960	-1	49.4644	9.7	...	23.596	-14.090	-4	51.4631	10.1	...	11.588	-13.666	0.70	51.4650	9.8
13I						19I						25I					
...	-33.348	-42.982	-3	51.4607	10.0	*	-23.339	+0.698	1.30	50.4664	9.0	*	-11.537	+10.139	0.95	50.4684	9.6
...	33.203	+35.970	-4	50.4641	10.0	R	22.933	+48.773	-5	...	...	*	11.292	+20.346	1.00	50.4685	9.7
...	33.038	+15.549	-2	50.4640	10.0	...	22.809	+43.978	-4	50.4666	10.1	...	11.089	-31.862	-4	51.4651	10.0
...	32.770	-26.704	-5	...	...	R	22.739	-1.085	-5	...	...	...	10.832	+23.481	-3	50.4686	10.0
*	32.617	-7.053	1.25	50.4642	8.9	*	22.657	+9.556	1.00	50.4665	9.6	†	10.242	+46.577	-5	50.4687	10.1
*	-32.464	+57.614	1.25	49.4646	9.5	*	-21.963	+18.556	1.00	50.4667	9.3	*	-10.054	+3.302	1.00	50.4688	9.6
...	32.428	-15.821	-3	51.4608	10.1	...	21.675	-37.267	-5	51.4633	10.1	...	9.657	-11.420	-5	...	...
...	32.258	+13.582	0.85	50.4643	9.8	...	21.495	+16.656	-4	...	...	...	9.290	-30.373	0.85	51.4654	9.8
*	32.039	-12.418	1.90	51.4612	8.7	...	21.383	-39.734	-4	51.4634	10.1	...	9.230	+27.391	-5	...	...
*	32.021	+17.985	0.95	50.4644	9.7	...	21.277	+39.758	-3	50.4669	10.0	...	9.201	-46.295	-2	51.4655	9.9
14I						20I						26I					
...	-31.993	+44.189	-5	50.4645	10.1	...	-21.167	-0.136	-2	50.4668	9.8	...	-9.166	+50.337	-1	50.4689	9.7
...	31.890	-34.246	-3	51.4609	10.1	...	21.067	+22.229	-3	...	...	...	8.992	-59.565	-4	51.4656	10.0
*	31.700	-47.611	1.00	51.4610	9.7	*	21.052	+19.045	0.90	50.4670	9.6	*	8.846	+14.201	1.00	50.4690	9.6
...	31.657	-29.451	-5	...	...	...	21.029	+49.365	-5	...	...	...	8.837	-17.323	-2	51.4657	10.1
*	31.492	-56.066	1.25	51.4611	9.2	...	20.474	+38.362	-5	50.4671	10.1	...	8.675	+53.150	-3	49.4682	10.0
...	-31.454	+32.865	-5	50.4646	10.1	...	-19.845	-19.937	-2	51.4636	9.9	...	-8.606	+32.201	-4	50.4691	10.1
...	31.348	-56.863	-5	51.4613	10.0	*	19.689	-48.052	1.10	51.4635	9.6	...	8.571	+3.713	-1	50.4692	9.9
...	31.303	-30.297	-5	...	...	...	19.486	-28.521	-5	...	...	*	8.407	+51.086	1.10	50.4693	9.6
...	31.017	+34.409	-3	50.4647	9.9	...	19.333	+4.225	-5	...	...	...	8.309	+26.110	-4	...	...
...	30.903	-12.414	-3	51.4615	10.1	...	19.202	+33.369	-3	50.4674	10.1	*	8.097	+50.099	1.20	50.4694	9.2

§ 10.4 = D, - 5.

161. 1st image obscured by flaw ; 2nd image measured and corrected.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
271-330						331-390						391-450					
27I	-8.055	+29.711	0.85	50.4695	9.6	33I	+1.267	+22.085	-5	...	...	39I	+13.988	+26.918	0.90	50.4736	9.6
†	7.892	+25.671	0.85	50.4696	9.7	...	1.367	-6.069	-5	...	...	...	14.140	+15.346	-4	...	...
...	7.357	+4.431	-5	...	...	*	1.425	+39.929	1.00	50.4714	9.6	...	14.192	+38.819	-5	...	...
*	7.302	-40.776	1.25	51.4658	9.1	...	1.444	-38.638	-4	51.4670	10.0	...	14.194	-17.323	-2	51.4694	10.0
*	7.212	+2.464	1.90	50.4697	8.2	*	1.457	+4.571	1.00	50.4715	9.4	...	14.207	-20.295	-5	51.4695	10.1
...	-7.193	-33.088	-3	...	...	S *	+1.640	+26.187	1.08	50.4716	9.2	*	+14.314	+33.068	0.90	50.4737	9.6
...	7.143	-8.263	-5	...	...	*	1.926	-35.678	1.00	51.4671	9.6	†	14.638	+37.543	-2	50.4738	9.8
...	7.139	-31.355	-5	...	...	...	2.019	+30.792	-5	m	...	...	14.967	-6.703	-3	...	...
...	6.965	+48.022	-1	50.4698	9.8	...	2.163	-50.514	-5	...	...	...	15.222	+56.092	-4	49.4737	10.0
...	6.883	+24.995	-5	B	...	...	2.191	-22.807	-3	51.4672	10.0	*	15.326	+26.909	1.40	50.4739	9.2
28I	-6.857	+56.210	-4	49.4686	10.0	34I	+2.431	-34.251	-4	51.4673	10.0	40I	+15.469	-23.357	0.90	51.4696	9.7
...	6.503	-5.786	-5	...	...	...	2.627	+56.723	1.05	49.4708	9.7	*	15.554	-26.911	0.90	51.4697	9.6
...	6.237	-50.627	-5	51.4659	10.1	...	3.417	+5.179	0.80	50.4717	9.8	*	15.565	-41.134	1.05	51.4698	9.5
...	5.956	+43.152	-3	50.4699	9.9	...	3.494	+2.497	-3	50.4718	10.0	...	15.604	+21.569	-5	b	...
...	5.594	-30.454	-3	51.4660	10.0	...	3.535	+48.409	-5	...	...	...	16.129	-24.921	-2	51.4699	9.8
...	-5.548	-55.617	-5	...	...	R	+3.561	-53.178	-5	51.4675	10.1	*	+16.164	+34.508	1.00	50.4740	9.8
...	5.464	+28.212	-5	...	...	*	3.825	-52.920	1.00	51.4674	9.5	...	16.404	+55.769	-5	...	...
...	5.409	+56.265	0.80	49.4691	9.7	R	4.241	+22.836	-5	...	...	...	16.674	+43.259	-3	50.4741	9.9
†	5.226	+37.333	0.90	50.4700	9.7	*	4.566	-5.925	2.10	50.4719	8.4	...	17.045	-12.876	0.70	51.4700	9.9
...	5.094	+41.597	-5	...	...	*	4.809	+36.060	0.95	50.4720	9.6	...	17.104	-35.652	-3	51.4701	10.0
29I	-5.079	+18.221	-1	50.4701	10.0	35I	+4.838	+40.513	1.00	50.4721	9.6	41I	+17.425	-14.160	-5	...	...
...	4.851	+12.552	-2	50.4702	9.9	†	4.902	-56.273	1.20	51.4676	9.2	...	17.702	+30.322	-5	50.4742	10.1
...	4.432	+21.726	-4	50.4703	10.0	*	5.110	-6.093	1.70	50.4722	9.0	...	17.978	+30.624	0.85	50.4743	9.9
...	4.213	+32.482	0.95	50.4704	9.6	*	5.564	-50.257	1.00	51.4677	9.6	...	18.329	+45.759	-5	...	...
...	4.058	+42.741	-5	...	...	*	5.656	+42.445	1.05	50.4723	9.5	...	18.396	-25.733	-5	...	...
...	-4.035	+16.683	-5	...	...	*	+5.675	-58.417	1.00	51.4678	9.5	...	+18.600	-43.968	-5	...	...
...	3.729	+12.564	0.85	50.4705	9.8	R	5.738	-13.117	-4	51.4680	10.1	...	18.618	+53.338	-5	...	...
NR	3.706	+53.198	-4	...	...	N	6.032	+20.902	-3	...	...	...	18.663	-0.362	-4	50.4744	10.1
...	3.526	-29.366	-5	51.4661	10.1	N	6.055	+20.849	-4	50.4724	9.8	R	18.722	-42.292	-5	51.4702	10.1
...	3.519	-41.050	-4	...	...	...	6.098	+44.152	-5	...	...	†	19.669	+46.307	-3	50.4745	10.0
30I	-3.392	-7.781	-5	...	...	36I	+6.166	+40.549	-5	...	...	42I	+19.686	-24.905	-3	51.4703	10.0
...	3.365	-43.175	0.65	51.4662	9.8	*	6.941	+31.962	1.00	50.4725	9.7	†	19.715	+12.739	-4	...	...
...	3.285	-3.942	0.75	50.4706	9.9	*	7.327	-40.919	0.95	51.4682	9.6	...	19.719	+50.308	-3	50.4746	10.0
*	3.049	-51.960	0.95	51.4663	9.7	...	7.706	+21.020	0.95	50.4726	9.7	...	19.808	-0.848	-5	50.4747	10.1
...	3.011	+38.379	-5	...	...	...	7.732	+36.339	-5	...	...	*	20.032	-44.146	1.35	51.4705	9.0
...	-2.948	+11.651	-5	m	...	...	+8.155	+19.965	-4	...	...	...	+20.220	-52.318	-3	51.4706	9.8
...	2.654	+43.123	1.00	50.4707	9.6	...	8.212	-7.903	-3	50.4727	10.0	...	20.282	-5.694	-5	50.4748	10.1
...	2.397	+51.429	-5	...	...	...	8.229	+59.236	-5	49.4724	10.1	...	20.394	-26.357	0.90	51.4708	9.7
...	2.370	+7.296	-3	50.4708	10.1	*	8.366	-25.844	0.95	51.4683	9.6	...	20.565	-41.693	-3	51.4709	9.8
...	2.209	-18.628	-4	...	...	...	8.386	-38.525	0.90	51.4684	9.8	...	20.639	-10.872	-3	51.4707	10.0
31I	-2.204	-53.594	-4	51.4664	10.1	37I	+8.797	-30.388	-5	51.4685	10.1	43I	+20.744	-37.373	1.00	51.4710	9.6
...	2.127	+12.162	-5	...	...	...	8.840	+46.209	-3	50.4728	10.0	...	21.013	-43.470	-5	...	...
...	2.023	-23.245	-5	...	...	...	8.892	-13.575	-5	...	...	...	21.615	-6.567	-5	50.4751	10.1
...	2.006	-7.354	-4	...	...	...	9.067	-29.074	0.80	51.4686	9.8	*	21.765	-5.337	0.95	50.4750	9.6
*	1.803	+25.095	1.40	50.4709	9.1	...	9.116	-58.773	-4	51.4687	10.0	†	22.038	+34.606	-3	50.4749	9.9
...	-1.324	+5.593	-3	...	...	...	+9.299	+26.420	0.90	50.4729	9.7	...	+22.324	+47.154	-1	...	...
...	1.099	-35.670	0.70	51.4665	10.0	...	9.300	-57.823	-5	51.4688	10.1	...	22.416	+47.101	-3	50.4752	9.6
...	1.021	-10.925	-5	...	...	...	9.841	-14.772	-2	51.4689	10.0	...	22.418	-8.722	0.80	51.4711	9.9
R	0.882	+19.762	-5	m	...	*	10.033	+48.130	1.25	50.4730	8.9	...	22.839	-33.763	-5	...	...
...	0.759	+41.722	0.90	50.4710	9.7	R	10.952	+51.512	-5	50.4731	10.1	*	23.203	-25.160	1.00	51.4712	9.2
32I	-0.740	-10.039	-4	...	...	38I	+11.190	-6.154	0.70	50.4732	10.0	44I	+23.294	-31.639	-3	51.4713	10.1
...	0.338	-20.479	-3	51.4666	10.1	*	11.611	-23.329	1.00	51.4691	9.4	*	23.621	+38.887	1.05	50.4753	9.6
...	-0.173	+55.057	-3	49.4701	10.0	...	11.669	+19.077	0.75	50.4733	10.0	S *	23.877	-39.874	1.75	51.4715	8.7
...	+0.088	+30.708	-1	50.4711	9.9	R	12.209	+55.672	-5	49.4729	10.1	R	23.931	+15.170	-5	...	...
...	0.408	-28.387	0.80	51.4668	9.8	...	12.261	+3.556	-4	50.4734	10.1	...	23.950	+47.973	-5	...	...
*	+0.417	-17.656	1.10	51.4667	9.2	...	+12.525	-21.487	0.80	51.4692	9.8	*	+23.952	-40.452	1.20	51.4716	9.1
...	0.807	+17.635	-2	50.4712	10.1	...	12.599	+6.529	-5	b	...	...	23.974	-43.237	-3	51.4717	10.1
S *	0.967	-8.383	3.80	51.4669	7.8	†	13.293	+9.762	-5	b	...	...	24.022	+32.753	-5	50.4754	10.1
†	1.085	-45.074	-5	...	...	...	13.308	-51.663	-4	...	...	...	24.061	-15.132	2.20	51.4714	8.4
...	1.119	+1.522	-3	50.4713	10.1	...	13.871	+30.538	0.85	50.4735	9.8	†	24.323	-47.578	1.50	51.4719	9.2

§ 10.4 = D, - 5.

298. 1st image obscured by fault; 2nd image measured and corrected.

358, 359. 50° 61, mass of suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
451-510						511-570						571-630					
45I	+24.379	-58.728	-5	51.4720	10.1	51I	+34.601	+13.071	-1	50.4769	9.9	57I	+46.907	+24.459	-5	...	...
...	24.433	-34.635	-3	51.4718	10.0	...	34.843	-45.337	-5	...	...	...	46.931	+33.399	1.30	50.4792	9.3
...	24.516	+44.324	-4	50.4755	10.1	...	35.310	-59.699	-5	51.4746	10.0	...	47.348	+33.603	-3	50.4793	9.8
...	24.590	+16.382	-4	...	...	...	35.488	-2.099	-5	...	...	...	47.423	-30.048	1.80	51.4764	8.9
...	24.624	-42.143	-2	51.4721	10.0	...	35.525	-34.467	-5	51.4745	10.1	...	47.633	-12.389	-5	...	...
R †	+24.751	-55.145	-5	51.4722	10.1	...	+35.612	+21.797	-2	50.4770	10.0	R	+47.652	+21.827	-5	...	...
*	24.804	+2.019	1.10	50.4756	9.4	*	35.621	-8.137	1.00	50.4772	9.6	...	47.687	-48.526	0.90	51.4765	9.7
...	25.436	-46.248	-4	51.4723	9.8	*	35.952	+13.833	1.00	50.4771	9.6	*	47.993	-32.727	1.05	51.4766	9.4
...	25.709	+16.228	-4	...	...	...	36.024	-16.071	-5	51.4747	10.0	*	48.010	-56.041	1.00	51.4767	9.6
R	25.895	+20.443	-5	...	...	...	36.158	+8.274	-3	...	...	...	48.147	+31.659	-3	50.4794	9.9
46I						52I						58I					
R †	+25.954	-10.151	-5	...	...	...	+36.293	-37.417	-4	...	...	*	+48.613	+4.649	4.00	50.4796	7.0
*	26.224	-35.958	1.60	51.4724	8.6	*	36.469	+36.729	1.00	50.4773	9.6	*	48.683	-40.411	1.05	51.4769	9.4
...	26.275	-38.090	-3	51.4725	10.0	...	36.588	-16.126	-4	...	...	...	48.696	+26.417	-5	50.4795	10.1
...	26.369	+8.810	0.85	50.4757	9.9	*	36.592	-44.354	1.10	51.4749	9.6	...	48.960	-19.575	0.75	51.4768	9.8
*	26.378	+3.006	1.40	50.4758	9.1	...	36.673	-40.415	0.85	51.4748	9.8	...	49.680	+21.422	-2	50.4797	10.0
...	+26.697	-25.254	-5	...	...	...	+36.692	+24.395	-5	b	...	...	+49.789	-32.339	-4	...	...
...	26.926	+20.785	-5	...	...	*	36.878	+31.167	1.00	50.4774	9.7	R	50.209	+27.163	-5	...	...
...	26.960	-5.665	-4	...	...	*	37.280	+2.962	1.00	50.4775	9.8	...	50.231	+25.573	-4	50.4798	10.0
...	27.050	-52.109	-4	51.4726	10.0	...	37.351	-28.016	-3	51.4750	10.1	...	50.238	-13.564	-5	...	...
R	27.181	+57.876	-5	49.4753	10.1	...	37.899	+55.033	-3	49.4773	10.0	†	50.394	-29.985	-2	51.4770	9.9
47I						53I						59I					
...	+27.201	-53.144	-3	51.4727	10.0	...	+38.225	-27.258	0.90	51.4752	9.7	...	+50.566	-56.500	-3	51.4772	9.9
*	27.637	-15.967	1.80	51.4728	8.4	...	38.465	+42.178	-4	50.4776	10.1	...	50.671	-22.184	-5	...	...
...	28.206	-13.679	0.85	51.4729	9.7	...	38.846	-29.382	-5	51.4753	10.1	*	51.103	-50.581	1.05	51.4773	9.6
...	28.213	+16.653	-2	50.4759	10.0	*	38.848	+47.662	1.10	50.4777	9.4	...	51.239	+8.385	-5	...	...
*	28.222	-35.781	1.00	51.4730	9.6	...	39.143	+31.861	-3	50.4778	10.0	†	51.451	+14.893	0.85	50.4799	9.7
...	+28.279	-1.414	-5	...	...	...	+39.329	+5.713	0.70	50.4779	10.0	Se *	+51.937	-48.320	2.80	51.4775	8.2
...	28.586	+37.575	-3	50.4760	10.0	...	39.841	-29.314	-5	51.4754	10.1	*	52.182	+10.705	2.00	50.4800	8.4
...	28.606	+14.477	-5	...	...	...	40.024	-32.084	-3	51.4755	10.1	*	52.209	-21.893	1.40	51.4774	9.0
...	28.743	-57.210	-3	51.4731	10.0	...	40.197	+40.425	-4	50.4781	10.0	R	52.313	+59.285	-5	49.4800	10.0
...	28.858	-3.928	0.70	50.4761	10.0	R	40.330	+50.725	-5	50.4780	10.1	...	52.425	-18.515	-5	...	...
48I						54I						60I					
...	+28.936	-42.744	-5	...	...	...	+40.349	+51.455	-5	50.4782	10.0	...	+52.487	-17.594	-5	...	...
R	28.953	+37.321	-5	...	...	†	40.638	-0.185	1.00	50.4783	9.4	R	52.756	+52.921	-5	49.4803	10.1
*	29.021	-58.517	3.50	51.4734	8.0	...	41.472	-13.584	0.90	51.4756	9.8	...	52.785	+20.380	-5	...	...
...	29.086	-50.789	-3	51.4733	9.8	...	41.729	+59.387	-2	49.4781	9.7	e	53.090	-51.580	1.50	51.4776	9.0
*	29.402	-51.349	1.00	51.4736	9.7	*	42.129	+14.906	1.15	50.4784	9.0	e *	53.410	-39.527	1.40	51.4777	9.1
...	+29.556	-12.136	-4	51.4732	10.1	†	+42.218	+14.795	-4	...	...	...	+53.465	+52.463	-3	49.4804	9.8
...	30.093	-10.819	-5	...	...	...	42.326	+6.166	1.00	50.4786	9.8	*	53.782	+59.309	2.00	49.4806	8.9
...	30.260	-55.110	-1	51.4737	9.9	...	42.718	+33.045	-3	50.4785	9.8	e	53.872	-43.896	-4	51.4778	10.1
...	30.393	-2.488	-5	...	...	...	43.897	+6.883	-4	...	...	...	53.912	+13.262	-2	50.4801	10.0
...	30.512	+16.222	-5	...	...	...	44.012	+37.511	-5	...	...	e	54.093	-40.278	-5	51.4779	10.0
49I						55I						61I					
...	+30.677	-47.542	0.90	51.4738	9.8	...	+44.548	-35.359	0.90	51.4757	9.7	e	+54.332	-40.587	-4	51.4781	10.0
...	31.035	-21.760	-4	...	...	R †	44.619	+4.967	-3	...	...	e	54.462	-21.704	-2	51.4780	10.1
NR	31.423	+7.951	-5	...	...	...	44.865	+7.132	-5	...	...	S †	54.698	+41.686	2.95	50.4802	8.1
...	31.524	+8.617	-3	...	...	...	44.928	+31.855	-5	...	...	...	54.718	+3.807	-5	...	...
...	31.674	+1.161	-4	50.4763	10.1	...	45.097	-45.307	-5	...	...	...	54.747	+34.541	-5	...	...
*	+31.894	+48.023	1.00	50.4762	9.6	*	+45.232	-45.911	1.00	51.4759	9.6	...	+54.749	+36.930	0.65	50.4803	9.6
*	31.903	-30.488	1.15	51.4739	9.6	...	45.426	+43.309	-3	50.4787	9.7	e	54.910	-17.676	-2	51.4782	10.0
...	32.179	-36.516	-5	...	...	...	45.637	+13.500	-3	50.4791	10.0	Re	55.001	-42.134	-5	51.4783	10.1
...	32.410	-59.867	-3	51.4741	10.0	...	45.667	+32.446	-3	50.4789	10.0	...	55.337	+21.923	0.80	50.4805	9.7
...	32.637	-16.820	-2	51.4740	10.1	...	45.744	+0.473	-5	...	...	...	55.727	+43.040	0.85	50.4804	9.6
50I						56I						62I					
...	+32.717	+44.556	-5	...	...	...	+45.916	+12.297	-5	...	...	e *	+56.006	-43.243	1.00	51.4786	9.5
...	33.025	-52.570	-4	...	...	*	45.958	+44.529	2.00	50.4788	8.7	...	56.078	+44.590	-3	50.4806	9.8
...	33.538	+24.158	0.85	50.4764	9.8	...	46.021	+42.589	-2	50.4790	9.7	e	56.180	-10.358	-5	51.4785	10.1
...	33.687	+0.617	-5	50.4766	10.1	...	46.208	-54.956	1.00	51.4761	9.2	*	56.242	+21.360	2.50	50.4807	8.3
...	33.697	-51.473	-4	51.4743	10.1	...	46.387	-7.285	-5	...	...	...	56.293	+10.889	-3	50.4808	10.0
...	+33.763	-2.798	-3	50.4767	10.0	*	+46.523	-39.675	1.15	51.4762	9.2	e	+56.306	-43.575	-4	51.4787	9.9
...	33.948	+28.940	0.95	50.4765	9.6	...	46.527	-42.435	-3	51.4763	9.8	R	56.576	+57.336	-5	49.4815	10.1
*	34.095	-0.701	1.00	50.4768	9.6	R	46.802	+57.672	-5	49.4789	10.1	Re	56.755	-59.807	-4	51.4788	9.9
...	34.468	+2.074	-4	...	...	...	46.806	-10.420	-4	...	...	e	56.973	-52.110	-4	51.4790	10.0
...	34.552	-18.637	-2	51.4744	10.0	...	46.827	-19.503	0.95	51.4760	9.7	R	57.159	+49.062	-5	50.4809	10.1

M
§ 10.4 = D, - 5.
493. 1st image obscured by fault; 2nd image measured and corrected.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .	$\S$	No.	Mag.
631-640					
63I	+57°287	+24°034	1.20	50.4810	9.5
*	57.362	-52.287	-3	51.4792	9.8
e	58.072	+25.781	-5	50.4811	10.0
...	58.534	+32.656	1.05	50.4812	9.6
*	58.546	-34.413	0.95	51.4794	9.6
e	+59.143	-23.214	-4	e	...
...	59.214	-31.545	-4	51.4795	10.0
e	59.332	-7.104	2.00	50.4817	8.4
e *	59.440	+5.123	1.80	50.4816	8.7
S *	59.465	+16.531	0.80	50.4813	9.8
...					

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .	$\S$	No.	Mag.
641					
64I	+59°551	-33°287	-5	° e	...
...					

Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .	...	No	Mag.

1-40						41-80						81-120					
I						4I						8I					
†	-59°949	+13°144	-5	50.4801	10·0	...	-52°403	-33°143	-5	E	...	...	-44°338	+24°834	0·70	50.4835	9·8
SE *	59°397	-48°473	2·20	51.4775	8·2	N	51°613	+34°869	-1	50.4821	9·6	...	44°241	-16°312	-3	51.4814	10·1
...	59°359	+42°984	-1	50.4804	9·6	*	51°229	+32°774	1·80	50.4822	8·5	...	44°202	+31°918	0·80	50.4838	9·8
...	59°108	+57°294	-5	49.4815	10·1	...	51°033	-33°581	0·95	51.4797	9·7	...	44°109	-50°780	-5	...	...
...	59°071	+44°535	-5	50.4806	9·8	...	50°787	+41°974	-5	50.4823	10·0	...	44°074	-29°934	0·70	51.4813	9·8
...	-58°853	+21°855	0·70	50.4805	9·7	...	-50°139	+27°838	0·75	50.4824	9·8	...	-44°015	+15°168	-5	...	...
...	58°743	+3°728	-5	...	...	S *	49°475	-19°974	1·20	51.4799	9·0	...	43°900	-34°752	0·65	51.4815	10·0
E *	58°283	-39°622	1·50	51.4777	9·1	...	49°003	-38°527	-5	...	...	*	43°787	-4°635	1·00	50.4836	9·6
...	58°164	+49°054	-5	50.4809	10·1	...	48°615	-54°153	-5	51.4800	10·1	...	43°750	+4°730	-2	50.4837	10·0
E *	58°118	-51°681	1·60	51.4776	9·0	...	48°579	-54°651	-4	51.4801	10·0	...	43°696	-41°707	-4	...	...
II						5I						9I					
E	-57°977	-21°770	-3	51.4780	10·1	...	-48°349	-33°822	-5	51.4803	10·1	...	-43°576	-26°114	0·70	51.4817	10·0
*	57°924	+21°333	2·00	50.4807	8·3	*	48°235	-54°484	1·40	51.4802	9·2	...	43°548	-14°461	0·90	51.4819	9·8
E	57°683	-17°735	-2	51.4782	10·0	...	48°038	+19°128	-4	50.4825	10·1	...	43°547	-17°894	-3	51.4818	10·0
E	57°658	-43°982	-5	51.4778	10·1	...	47°647	-34°484	-5	...	...	...	43°123	-58°010	-5	51.4816	10·1
E	57°588	-40°356	-4	51.4779	10·0	...	47°642	-1°160	-5	...	...	...	43°114	-42°868	-5	...	...
...	-57°474	+10°868	-3	50.4808	10·0	*	-47°509	+11°270	1·00	50.4826	9·6	...	-43°097	-16°784	-4	...	...
E	57°325	-40°656	-3	51.4781	10·0	...	47°431	-44°054	-4	51.4804	10·1	...	43°023	+25°917	0·90	50.4839	9·6
*	57°010	+24°046	1·10	50.4810	9·5	...	47°375	-25°856	-3	51.4805	10·0	...	42°765	-27°514	0·65	51.4820	9·9
E	56°710	-10°366	-3	51.4785	10·1	...	47°346	-35°399	-5	...	...	...	42°746	-26°950	-4	...	...
E	56°598	-42°177	-5	51.4783	10·1	...	47°215	+3°311	0·90	50.4827	9·8	...	42°675	+5°916	-4	...	...
2I						6I						10I					
...	-56°317	+25°821	-5	50.4811	10·0	...	-47°184	+16°437	-4	...	...	...	-42°297	-24°475	-5	...	...
*	56°119	+32°711	1·00	50.4812	9·6	...	47°100	-33°998	-3	51.4806	10·1	...	42°095	-57°746	-5	51.4821	10·4
E	55°534	-43°243	1·00	51.4786	9·5	...	47°035	-3°819	-2	50.4828	9·9	...	41°785	-19°302	-2	51.4823	10·0
E	55°232	-43°546	-5	51.4787	9·9	...	46°965	+9°979	0·90	50.4829	9·8	...	41°777	-51°661	-4	51.4822	10·0
...	55°119	+50°357	-5	50.4814	10·0	...	46°479	-11°941	-4	51.4807	10·1	*	41°636	-20°953	1·00	51.4824	9·7
...	-54°542	+16°632	0·90	50.4813	9·8	*	-46°403	-16°654	1·00	51.4808	9·6	*	-41°490	+14°882	0·90	50.4840	9·7
...	54°494	+22°939	1·00	50.4815	9·6	...	46°289	-16°604	-5	...	...	...	41°091	+12°548	0·90	50.4841	9·8
...	54°245	+34°515	-5	...	...	...	45°974	+28°939	-5	50.4831	10·1	...	40°856	+14°549	-5	...	...
E	54°224	-52°054	-5	51.4790	10·0	*	45°928	+16°118	1·00	50.4830	9·4	...	40°852	-5°579	-4	...	...
...	54°202	+39°444	-3	50.4818	9·8	...	45°814	-45°487	-5	...	...	...	40°750	-57°563	-5	51.4826	10·1
3I						7I						11I					
E	-54°119	-59°753	-5	51.4788	9·9	...	-45°577	-12°618	0·80	51.4809	10·0	...	-40°681	-31°063	1·00	51.4827	9·6
S *	54°077	+5°243	1·45	50.4816	8·7	...	45°529	-53°782	-4	...	...	...	40°440	+8°309	-4	...	...
E	53°819	-52°218	-4	51.4792	9·8	*	45°355	+0°538	1·15	50.4832	9·4	...	40°140	+18°242	-5	...	...
E *	53°690	-6°979	1·80	50.4817	8·4	...	45°153	-24°033	-4	51.4810	10·1	†	39°974	-53°550	-5	...	...
E	53°355	-34°301	1·00	51.4794	9·6	†	44°906	-17°938	-5	...	...	...	39°666	-43°765	-2	51.4828	10·0
...	-53°220	-23°087	-5	E	...	...	-44°783	+43°427	0·70	50.4834	9·8	...	-39°461	-32°424	0·90	51.4829	9·7
...	53°099	-2°304	-5	...	...	*	44°761	-36°939	-4	51.4811	10·1	...	39°152	-27°772	-4	51.4832	10·1
...	52°910	+43°150	-5	50.4820	9·8	...	44°751	+17°970	1·00	50.4833	9·6	...	39°130	+32°102	-5	...	...
E	52°808	-31°418	-3	51.4795	10·0	...	44°623	-14°900	-5	...	...	...	39°027	-34°307	0·70	51.4831	9·8
...	52°731	+31°832	-1	50.4819	9·6	...	44°358	-1°792	-4	...	...	...	38°886	-15°783	-4	51.4835	10·1

§ 10·5 = D, - 5.

L measured from 1, 115, 237, 388, 536, 667.

C " " 47, 158, 306, 457, 594, 721.

42. Mass. 50° 61, two stars.

Co-ordinates.						Diam.	C.P.D.		Co-ordinates.						Diam.	C.P.D.			
Notes.	x.	y.	§	No.	Mag.		Notes.	x.	y.	§	No.	Mag.		Notes.	x.	y.	§	No.	Mag.
121-180							181-240							241-300					
12I	-38'850	+21'774	-5	...	...		18I	-27'404	+17'740	1'00	50.4859	9·6		24I	-19'495	+44'249	1'00	50.4877	9·3
...	38'668	-2'713	-3	...	...		...	27'304	-42'225	-5	...	...		...	19'355	+15'275	-5	...	...
...	38'494	-28'636	-4	51.4836	10·1		...	27'299	+25'194	0·90	50.4861	9·7		...	19'332	-23'686	-2	51.4876	10·0
...	38'265	-59'694	1·15	51.4834	9·3		...	27'294	+19'050	0·90	50.4860	9·7		...	18'976	-40'140	-5	...	...
...	38'194	-21'143	-3	51.4837	10·1		...	27'198	-46'156	0·65	51.4858	10·0		...	18'880	-13'342	0·80	51.4877	9·6
...	-37'677	+14'577	0·80	50.4842	9·8		...	-27'147	+49'980	7·60	50.4862	3·7		...	-18'820	+8'482	0·90	50.4879	9·6
...	37'119	-57'488	-2	51.4838	9·8		...	27'090	+9'005	-4	...	...		...	18'813	+53'840	-5	49.4891	10·1
...	36'825	+32'637	-5	...	...		...	27'055	-54'099	-4	...	...		...	18'803	+21'320	-4	...	...
S *	36'663	-47'012	1·45	51.4839	8·7		...	26'962	+24'001	-5	...	...		...	18'758	-4'920	0·90	50.4878	9·6
...	36'478	-2'623	-5	...	...		...	26'891	-4'697	-5	...	...		...	18'404	-51'941	-5	...	...
13I	-36'436	-26'867	-4	...	...		19I	-26'855	+51'202	-5	B	...		25I	-18'141	-9'977	1'00	51.4878	9·3
...	35'944	-17'291	-5	...	...		...	26'547	-7'808	-5	...	...		...	18'023	+49'863	-5	50.4880	10·1
...	35'934	-6'896	-5	...	...		...	26'336	-24'695	0·70	51.4861	10·1		...	17'848	+40'948	-4	50.4881	10·1
...	35'468	-2'381	0·70	...	...		...	26'311	+59'139	-5	49.4875	10·1		...	17'235	-32'497	-2	51.4880	10·1
...	35'339	+37'430	1·20	50.4843	9·2		...	26'295	+6'159	-2	50.4863	10·1		...	17'125	-51'138	-5	51.4879	10·1
...	-35'113	+50'085	-5	50.4844	9·9		...	-26'173	-10'241	-5	...	...		...	-17'005	-42'524	0·65	51.4881	10·1
...	35'107	-39'053	0·80	51.4840	10·0		...	26'036	-17'463	-4	...	...		...	16'967	-45'156	0·95	51.4882	9·7
...	35'024	+48'128	-1	50.4846	9·8		...	25'976	+46'991	1'00	50.4864	9·4		...	16'756	+6'671	1·80	50.4882	8·7
...	34'862	-38'402	-2	51.4841	10·0		...	25'914	+11'299	-3	...	...		...	16'751	+50'361	-5	...	...
...	34'677	-31'184	0·65	51.4842	10·0		...	25'734	-18'876	0·70	51.4864	10·0		...	16'718	-33'150	-5	...	...
14I	-34'611	+15'116	2·00	50.4845	8·4		20I	-25'596	+12'411	0·90	50.4865	9·7		26I	-16'715	+23'803	-3	50.4884	10·0
...	34'034	+57'341	-4	49.4858	9·9		...	25'574	+22'484	-5	B	...		...	16'700	+29'659	-5	...	...
...	33'940	+21'410	0·90	50.4847	9·6		...	25'288	-35'061	-5	...	...		...	16'628	-29'721	0·85	51.4883	10·0
...	33'800	+56'713	-1	49.4859	9·6		...	25'152	+8'569	-4	...	...		...	16'623	+6'488	1·30	50.4883	8·7
...	33'290	+23'316	0·85	50.4848	9·8		...	25'090	+12'446	-4	50.4866	9·9		...	16'514	-7'841	0·85	50.4885	9·8
...	-32'827	-51'737	-4	51.4844	10·1		...	-24'980	-19'313	-2	51.4865	10·0		...	-15'981	-8'797	-5	...	...
...	32'729	-10'584	-5	51.4845	10·1		...	24'569	+30'368	1·15	50.4867	8·9		...	15'862	+24'326	1'00	50.4886	9·4
...	32'673	+5'419	-4	...	...		...	24'319	+10'264	-4	...	...		...	15'632	-58'314	-4	51.4884	10·0
...	32'427	-21'967	-5	...	...		...	24'285	-23'150	1'00	51.4867	9·6		...	15'483	-15'002	0·85	51.4886	9·7
...	32'231	-31'736	-5	...	...		...	24'236	-33'442	1·70	51.4866	8·4		...	15'339	-40'539	-3	...	...
15I	-32'105	-9'967	-4	51.4846	10·1		21I	-24'022	+17'861	-4	...	...		27I	-15'220	+39'402	-5	...	...
...	31'568	+37'739	1·50	50.4849	8·8		...	24'002	+1'133	1·90	50.4868	8·1		...	15'084	+3'605	0·65	50.4887	9·7
...	31'292	-11'669	-2	51.4850	10·1		...	23'931	-55'305	-4	...	...		...	14'867	+30'226	-3	...	...
...	31'231	+22'568	0·85	50.4850	9·7		...	23'906	+35'366	-5	...	...		...	14'864	-35'275	3'00	51.4887	7·8
...	31'101	-28'067	1'00	51.4849	9·2		...	23'881	-5'997	-5	...	...		N †	14'766	-15'056	0·70	51.4888	9·8
...	-30'938	+53'526	-5	...	...		...	-23'826	+2'291	-2	50.4869	10·0		...	-14'480	+46'396	0·90	50.4889	9·8
...	30'125	-42'646	1'00	51.4851	9·2		...	23'594	-28'453	0·70	51.4868	9·8		...	14'451	+14'940	1'00	50.4888	9·4
...	30'039	+56'178	-5	49.4865	10·0		...	23'395	-11'715	-4	51.4869	10·1		...	14'273	-17'721	2·40	51.4889	8·1
...	29'768	+47'457	3·20	50.4853	6·8		...	23'307	-59'174	-4	...	...		...	14'263	+8'994	-3	50.4890	10·0
...	29'764	+53'597	5·20	49.4867	5·0		...	22'940	-25'992	-2	51.4870	10·1		...	14'012	-13'532	0·70	51.4890	10·0
16I	-29'751	+33'845	1·15	50.4851	9·2		22I	-22'928	+26'310	1'00	50.4870	9·3		28I	-13'918	-29'738	-4	...	...
...	29'712	-10'276	-5	...	...		...	22'809	-37'283	-5	...	...		...	13'866	+58'577	-5	49.4898	10·0
...	29'595	-15'724	-5	...	...		...	22'509	-29'870	-5	...	...		...	13'864	+46'822	-5	...	...
...	29'576	+22'763	1·15	50.4852	9·2		...	22'496	-1'130	-5	...	...		...	13'808	+24'562	0·75	50.4891	10·0
...	29'570	-44'662	-5	...	...		...	22'257	+48'777	0·65	50.4872	9·8		...	13'460	-13'663	3'10	51.4891	8·0
...	-29'542	+28'292	-5	...	...		...	-22'186	+6'808	-2	50.4871	9·9		...	-13'435	+39'114	-5	...	...
...	29'404	-28'881	0·70	51.4852	10·0		...	21'845	-1'821	-3	...	...		...	13'395	-9'745	-2	51.4892	10·0
...	29'096	-56'306	0·75	51.4853	9·8		...	21'681	-14'246	-5	51.4872	10·1		...	13'032	-51'954	1·80	51.4893	8·5
...	29'011	-37'566	-4	51.4854	10·1		...	21'390	+58'493	1·05	49.4886	9·5		...	12'999	+23'604	0·85	50.4892	9·8
...	28'793	+34'845	1·05	50.4856	9·2		...	20'865	+24'027	-5	...	...		...	12'267	+31'340	-3	...	...
17I	-28'560	+9'336	0·90	50.4855	9·8		23I	-20'768	-47'148	-3	...	...		29I	-12'225	-16'196	1'00	51.4894	9·6
...	28'423	-7'819	0·90	50.4854	9·7		...	20'644	-48'161	1'00	51.4873	9·7		...	11'629	+14'804	-2	50.4894	10·1
...	28'300	-36'953	-4	...	...		...	20'454	+12'665	0·75	50.4873	9·8		...	11'578	+12'098	0·90	50.4893	9·8
...	28'279	+36'864	-5	...	...		...	20'174	-52'570	-1	51.4874	10·0		...	11'300	+27'237	-5	...	...
...	28'217	+30'005	-1	50.4857	9·7		...	20'140	+12'088	-5	B	...		...	11'286	+21'011	-5	...	...
...	-28'193	-49'233	-5	...	...		...	-20'110	-4'755	0·90	50.4874	9·7		...	-11'230	+2'692	0·65	50.4895	10·1
...	28'172	-47'024	0·95	51.4856	9·8		S *	19'881	+24'548	1·85	50.4875	9·4		...	11'109	-14'176	0·85	51.4896	9·7
...	27'847	-47'381	-5	...	...		...	19'849	-29'842	-5	...	...		...	10'870	-3'463	-5	...	...
...	27'596	-27'669	-4	...	...		...	19'787	-52'840	-2	51.4875	10·0		...	10'660	+58'461	-5	...	...
...	27'485	+12'252	0·90	50.4858	9·7		...	19'498	+22'540	1'00	50.4876	9·5		...	10'596	-46'854	-4	51.4897	10·1

M
 § 10·5 = D, - 5.
 275. Var. L = 7·5 - 12·0.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
301-360						361-420						421-480					
30I	-10.509	+54.894	-2	49.4906	10.0	36I	-3.436	-10.321	-4	...	...	42I	+3.495	-35.544	0.85	51.4934	9.8
...	10.431	+46.842	-5	50.4897	10.1	...	3.171	-36.128	0.65	51.4914	9.9	...	3.535	-5.357	0.70	50.4927	10.0
...	10.333	-44.864	-4	...	...	...	3.135	+6.363	-4	50.4910	10.1	...	3.739	-8.003	0.70	50.4928	9.9
...	10.282	-0.384	0.75	50.4896	9.7	...	3.120	-13.814	-2	...	...	...	3.928	-48.678	6.00	51.4935	4.3
...	10.111	-4.938	0.90	50.4898	9.4	...	3.071	+51.414	-3	50.4911	10.0	...	4.601	+15.997	0.65	50.4929	10.1
...	-10.065	+28.469	0.90	50.4899	9.6	...	-2.987	-41.387	-4	...	...	...	+4.619	-19.170	0.85	51.4936	9.6
...	9.855	-18.193	0.95	51.4898	9.6	...	2.876	-9.337	0.70	51.4915	9.8	...	4.621	-6.710	-5	...	...
...	9.470	-4.102	1.00	50.4900	9.4	...	2.870	+8.581	-4	Bm	...	...	5.351	-35.796	-5	...	...
...	9.445	-29.829	-5	...	...	...	2.601	-28.895	0.90	51.4916	9.7	...	5.383	+35.965	3.00	50.4930	7.8
...	9.370	-40.665	-4	...	...	...	2.583	-45.964	-5	...	...	...	5.451	-26.299	0.70	51.4937	10.1
31I	-9.193	-45.309	-5	...	...	37I	-2.345	+4.174	-5	Dd	...	43I	+5.651	-49.553	0.90	51.4938	9.6
...	9.081	-11.800	-5	...	...	...	2.213	-59.541	-5	...	...	...	5.842	+49.586	-2	50.4931	9.8
...	9.039	-26.532	-2	51.4899	9.9	...	2.107	+3.234	-5	Bm	...	...	5.853	-44.410	-5	...	...
...	8.814	-29.008	-5	...	...	...	1.978	+22.804	-5	Dd	...	...	5.899	-12.120	-4	51.4939	10.1
...	8.588	+17.115	-4	...	...	...	1.702	-41.748	-3	51.4918	9.9	...	6.157	+42.798	0.70	50.4932	9.8
...	-8.493	-58.709	-5	...	...	NDd	-1.569	+53.032	0.70	49.4922	9.8	...	+6.438	+9.750	-4	...	...
...	8.447	-54.538	-3	51.4900	10.1	...	1.437	+13.650	-3	50.4912	10.0	a	6.545	+0.253	0.75	50.4935	9.8
...	8.389	+21.346	-4	...	...	...	1.416	-29.747	1.00	51.4920	9.6	...	6.580	+44.877	0.95	50.4933	9.7
...	8.365	+12.165	-5	B	...	...	1.309	+47.660	0.95	50.4913	9.7	...	6.610	+8.613	1.25	50.4934	8.7
...	8.344	+29.652	-3	50.4901	10.0	...	1.237	+33.060	-5	Am	...	...	6.676	+17.925	-4	50.4936	10.1
32I	-8.276	-40.783	-5	...	...	38I	-1.115	-16.193	-3	...	...	44I	+6.930	-48.764	-5	...	...
...	8.212	-24.791	-5	...	...	...	* 0.767	-18.153	0.90	51.4922	9.7	...	6.990	+42.701	0.95	50.4937	9.7
...	8.020	-14.487	-5	...	...	...	0.629	-5.817	-5	...	...	S *	7.236	+47.202	1.90	50.4938	8.3
...	7.994	+1.912	-3	50.4902	10.1	...	0.504	+16.223	-3	50.4914	10.0	...	7.660	+32.505	1.00	50.4939	9.6
...	7.940	-3.016	-4	...	...	...	0.434	+44.971	0.85	50.4915	9.7	...	7.717	-34.652	-5	...	...
...	-7.921	+1.721	-5	B	...	...	-0.417	-20.533	1.00	51.4923	9.3	...	+7.983	-56.473	-5	...	...
...	7.542	-26.376	-5	...	...	...	0.274	+10.520	-5	Bm	...	...	8.109	+45.585	0.70	50.4940	9.7
...	7.504	-14.852	-3	51.4901	10.1	...	-0.110	-2.295	-2	50.4916	9.9	...	8.242	-48.071	1.05	51.4940	9.3
...	7.403	+35.233	-2	50.4903	10.1	...	+0.041	-23.747	0.90	51.4924	9.6	...	8.280	+27.913	1.00	50.4941	9.4
...	6.825	-27.031	-2	51.4902	9.9	...	0.151	-13.835	0.95	51.4926	9.4	...	8.394	+44.279	-2	50.4942	9.9
33I	-6.720	-32.879	-4	...	...	39I	+0.161	+32.551	-5	...	...	45I	+8.608	-7.232	-4	50.4943	10.1
...	6.681	+36.133	-4	...	...	S *	0.220	-39.643	2.70	51.4925	8.1	...	9.170	-12.250	-4	...	...
...	6.567	-23.271	-2	51.4903	9.9	...	0.647	-46.146	-3	51.4928	10.1	...	9.192	+43.851	1.00	50.4944	9.4
...	6.446	+14.206	-5	B	...	...	0.764	+50.890	-1	50.4918	9.7	...	9.448	-31.838	-5	...	...
...	6.446	-7.234	0.80	50.4904	9.8	...	0.850	+22.865	-3	50.4917	10.0	...	9.522	-15.289	-5	...	...
...	-6.232	+18.043	-4	B	...	...	+1.073	+26.792	-5	Mb	...	...	+9.615	-49.763	-5	...	...
...	6.075	+7.443	-2	50.4905	10.1	...	1.122	-17.408	0.70	51.4929	9.9	...	9.800	+47.175	-5	50.4945	10.1
...	5.757	-9.272	0.70	51.4904	9.9	...	1.246	+37.638	0.90	50.4919	9.8	...	9.896	-13.305	-5	...	...
...	5.682	+50.308	-5	B	...	...	1.481	+15.846	0.70	50.4920	10.0	...	10.053	+53.075	1.20	49.4948	9.2
...	5.603	+57.530	0.80	49.4915	9.8	...	1.817	-1.905	-4	...	...	...	10.155	+45.730	-4	50.4946	10.0
34I	-5.566	-39.541	-2	51.4905	10.0	40I	+1.915	+2.346	-3	Mb	...	46I	+10.273	-58.946	-5	...	...
...	5.525	+34.770	-3	50.4906	10.0	...	1.952	+28.619	-5	M	...	...	10.725	-32.347	0.70	51.4941	9.9
...	5.411	-28.301	-1	51.4906	10.0	...	2.046	+6.810	-2	...	...	...	10.798	+10.606	-3	50.4947	10.0
...	5.408	-52.652	-5	...	...	...	2.277	-33.000	-4	...	...	...	10.997	+21.830	0.65	50.4948	10.0
...	5.338	-53.603	-5	...	...	...	2.317	+33.777	0.85	50.4921	9.8	...	11.252	+38.585	-4	...	...
...	-5.167	+2.469	-4	...	...	...	+2.464	+47.788	-4	50.4922	10.1	...	+11.390	-49.643	-1	51.4942	10.0
...	5.139	-31.631	-5	...	...	...	2.676	-38.376	0.90	51.4931	9.8	...	11.601	-57.732	-5	...	...
...	5.002	-45.873	-4	51.4908	10.0	...	2.723	-20.028	0.80	51.4932	9.6	...	11.648	+11.501	-5	b	...
...	4.998	-46.888	-3	51.4907	10.0	...	2.756	+36.526	-4	...	...	...	11.698	-56.262	-5	...	...
...	4.722	+26.062	1.00	50.4907	9.6	...	2.786	-51.450	-5	...	...	...	11.729	+30.884	-5	...	...
35I	-4.592	+0.647	-2	50.4908	10.0	41I	+2.871	+24.200	-5	b	...	47I	+11.956	-51.732	-1	51.4943	9.9
a	4.483	+30.887	-3	50.4909	10.0	...	3.081	+22.721	-4	...	...	...	12.084	+0.945	-5	b	...
...	4.428	-33.701	-5	...	...	S *	3.127	+11.937	3.20	50.4923	7.7	...	12.211	-12.605	-4	...	...
...	4.243	-52.710	-4	51.4909	10.1	...	3.186	+51.563	-4	50.4924	10.0	...	12.489	-26.282	-5	...	...
...	3.993	-53.465	1.00	51.4910	9.6	...	3.252	-43.140	-5	...	...	...	12.516	-40.811	-3	51.4944	10.1
...	-3.871	-14.878	1.00	51.4911	9.2	...	+3.313	+38.308	-4	...	...	...	+12.708	-19.483	-5	...	...
n	3.853	-58.442	-3	51.4912	10.0	...	3.326	+45.716	-5	50.4925	10.1	...	12.715	-24.940	-4	...	...
n	3.793	-58.519	-5	51.4912	10.0	...	3.340	-10.717	0.80	51.4933	9.9	...	12.824	+56.969	0.80	49.4953	9.7
...	3.674	-17.333	-4	51.4913	10.0	...	3.352	+29.759	-4	...	...	...	13.002	+8.941	0.90	50.4949	9.6
...	3.447	-24.409	-4	...	...	...	3.465	+18.409	1.00	50.4926	9.6	...	13.040	-10.136	-5	...	...

M
§ 10.5 = D, - 5.

357, 358. C.P.D., probably mass.

376, Var.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
481-540						541-600						601-660					
48I	+13.100	-46.229	-5	...	...	54I	+20.683	+46.105	-1	50.4964	9.7	60I	+30.501	-6.499	-3	...	...
...	13.142	-21.899	-2	...	...	...	20.854	-51.214	1.00	51.4965	9.6	...	30.541	+0.942	-4	...	...
...	13.366	-14.877	-5	...	...	...	21.090	+19.938	-5	50.4966	10.0	...	30.662	+32.599	-5	...	...
...	13.483	+2.680	0.70	50.4950	9.9	...	21.220	+20.044	-4	50.4967	9.6	...	30.774	-56.710	1.10	51.4981	9.3
...	13.510	+10.614	-4	...	...	...	21.492	+24.220	0.90	50.4968	9.8	...	30.823	+1.239	0.95	50.4992	9.1
*	+13.554	-48.462	1.15	51.4945	9.2	...	+21.529	-52.819	-5	...	...	...	+30.854	-33.416	1.00	51.4980	9.6
...	13.689	+33.200	-4	...	...	...	21.570	+26.375	0.70	51.4966	10.0	...	30.927	+49.491	-4	50.4991	10.1
...	13.885	+34.900	-5	...	...	...	21.621	-9.408	0.70	...	...	...	30.939	+1.375	-5	b	...
...	14.175	-27.838	-5	...	...	...	21.788	+22.233	-4	...	...	...	31.322	+18.442	-2	...	...
...	14.302	-37.019	0.70	51.4946	9.8	...	21.904	-50.218	-5	...	...	a*	31.391	+0.068	1.20	50.4994	9.0
49I	+14.461	+45.540	-3	50.4951	10.0	55I	+22.205	-18.842	0.95	51.4967	9.6	61I	+31.453	-5.617	0.70	50.4995	10.0
...	14.718	-36.807	-2	51.4947	9.8	...	22.250	+9.225	-3	...	...	...	31.492	+0.352	-5	d	...
...	14.850	-36.757	-5	...	...	...	22.526	-26.136	-5	...	...	*	31.506	+23.016	1.05	50.4993	9.2
†	15.265	+36.753	1.20	50.4952	9.2	...	22.695	-53.766	1.30	51.4968	9.0	...	31.575	-15.105	-5	...	...
*	15.337	+3.570	0.95	50.4953	9.7	...	22.710	+13.126	0.75	50.4969	10.0	...	31.724	+52.333	-3	49.4986	10.1
*	+15.387	-51.432	1.00	51.4948	9.7	...	+23.014	-10.437	-5	...	...	...	+32.046	-8.554	-5	...	...
*	15.399	-55.129	1.20	51.4949	9.3	...	23.083	+44.971	1.15	50.4970	9.2	...	32.193	+46.952	1.20	50.4996	9.1
*	15.718	+13.471	1.20	50.4954	9.2	...	23.394	+18.222	-2	...	...	...	32.266	+21.985	-5	...	...
*	15.859	+12.085	1.10	50.4955	9.2	...	24.164	-34.513	-2	51.4970	10.1	...	32.336	+0.185	0.70	50.4997	9.8
*	16.016	-41.557	1.00	51.4950	9.6	...	24.545	+24.822	-4	50.4971	9.9	...	32.368	-15.140	-5	...	...
50I	+16.092	+5.973	0.70	50.4956	9.8	56I	+24.623	-33.078	-5	...	...	62I	+32.930	-9.132	-4	...	...
*	16.271	+53.103	1.50	49.4960	8.6	...	24.705	-8.117	-4	50.4972	10.1	...	32.980	-24.406	-2	51.4983	10.0
...	16.295	+0.845	-4	...	...	...	24.982	+5.776	-5	...	...	*	33.287	-12.987	1.05	51.4984	9.1
...	16.370	-29.154	-4	...	...	...	25.163	-38.277	0.95	51.4971	9.6	...	33.400	+37.840	0.70	50.4998	9.8
...	16.467	+53.049	-5	...	...	...	25.174	+22.880	0.85	50.4973	9.7	...	33.608	+56.568	-4	49.4988	10.0
...	+16.545	-35.815	-4	51.4953	10.0	...	+25.189	+28.261	-5	...	...	...	+33.629	-4.567	-4	...	...
...	16.773	-46.488	0.70	51.4954	9.8	...	25.239	-33.352	0.80	51.4972	9.7	s*	33.649	-10.638	1.80	51.4985	8.5
*	17.031	+35.885	1.00	50.4957	9.6	...	25.603	-10.456	-5	...	...	...	33.741	+21.407	0.70	50.4999	10.0
...	17.368	-56.300	-1	51.4955	9.8	...	25.652	-16.969	-5	...	...	...	34.179	-56.407	0.80	51.4987	9.8
...	17.496	-3.004	0.80	50.4958	9.7	*	25.806	+9.506	1.05	50.4974	9.1	*	34.193	-28.091	1.00	51.4986	9.6
51I	+17.646	-41.114	1.20	51.4956	9.1	57I	+25.826	-20.884	-5	...	...	63I	+34.331	-19.004	-5	...	...
*	17.667	+41.641	-5	...	...	...	25.940	-20.301	-3	51.4973	10.1	...	34.619	-57.490	-5	51.4988	10.1
...	17.727	-49.435	-4	51.4958	10.1	...	25.973	+24.106	0.90	50.4975	9.7	...	34.635	+46.975	-3	50.5000	10.0
...	17.790	-35.910	-2	51.4957	9.8	...	25.977	-10.658	-5	...	...	...	34.944	-4.925	-4	...	...
...	17.865	+48.283	0.85	50.4959	9.6	*	26.299	+3.117	0.90	50.4976	9.6	...	34.969	-36.132	-4	...	...
...	+17.962	-19.606	-5	...	...	...	+26.389	+5.090	0.80	50.4977	9.9	...	+35.011	-22.136	-5	...	...
...	18.205	-4.643	-4	...	...	...	26.719	+1.391	-5	d	...	*	35.121	-39.724	1.00	51.4989	9.6
...	18.207	-19.790	-5	...	...	...	26.906	+14.387	2.00	50.4978	8.2	...	35.208	-38.320	-2	51.4990	9.9
...	18.310	-11.794	-4	51.4959	10.0	...	27.017	+31.525	0.90	50.4979	9.6	...	35.243	+46.289	0.85	50.5001	9.6
...	18.417	-12.509	-3	51.4960	10.0	*	27.227	-4.193	0.90	50.4981	9.7	...	35.281	+12.431	-2	50.5002	10.0
52I	+18.421	+20.346	0.75	50.4961	9.8	58I	+27.330	-48.034	-5	...	...	64I	+35.651	+8.721	-5	...	...
*	18.478	+47.836	1.20	50.4960	9.1	...	27.414	+30.222	0.65	50.4980	10.0	...	35.671	-39.023	-4	...	...
...	18.524	+1.837	-4	b	...	...	27.457	-17.235	-3	51.4974	10.1	...	36.274	-1.446	-5	...	...
...	18.648	-46.558	-5	...	...	...	27.518	-43.797	-5	...	...	...	36.425	+6.518	-5	d	...
...	18.847	+55.101	0.80	49.4966	9.8	...	28.158	+44.195	-5	50.4982	10.0	...	36.673	-23.648	-3	51.4991	10.0
...	+18.899	+24.279	-3	50.4962	10.1	...	+28.426	+15.917	-5	...	...	...	+36.787	-57.559	-4	51.4994	10.0
*	18.964	-6.677	1.00	50.4963	9.8	...	28.582	-1.279	0.90	50.4983	9.8	...	36.856	-49.313	-5	...	...
...	18.965	-46.487	-4	...	...	...	29.127	+21.769	-4	...	...	*	37.167	-41.777	1.00	51.4996	9.6
...	18.977	+7.508	-3	...	...	...	29.182	+14.677	1.15	50.4986	8.9	...	37.339	+37.631	-5	a	...
...	18.993	-29.830	-5	...	...	...	29.233	+20.437	0.70	50.4984	10.0	...	37.354	-3.997	-3	...	...
53I	+19.111	+0.562	-5	b	...	59I	+29.322	+29.006	1.20	50.4985	8.8	65I	+37.547	-28.933	1.00	51.4997	9.4
...	19.336	+15.848	-4	b	...	...	29.503	+35.558	-3	...	...	*	37.599	-11.242	1.05	51.4995	9.0
...	19.376	-49.993	-5	...	...	...	29.638	+17.333	0.75	50.4987	9.9	...	37.705	+16.243	-4	...	...
†	19.590	-51.877	0.85	51.4962	9.8	...	29.852	+3.621	1.00	50.4988	9.6	...	37.737	+56.170	-5	49.4999	10.0
†	19.861	-43.683	-4	...	...	...	29.921	-29.822	-5	...	...	...	37.863	+13.608	-5	b	...
†	+19.876	-34.375	-4	...	...	...	+29.957	+2.349	-2	50.4990	10.0	...	+38.142	+48.015	-5	50.5003	10.0
...	20.128	+58.079	-1	49.4967	9.7	...	30.001	+21.442	0.85	50.4989	9.8	*	38.175	-19.828	1.00	51.4998	9.6
...	20.463	-22.439	-3	51.4964	10.1	...	30.038	-2.039	-5	...	...	*	38.205	+34.094	0.95	50.5004	9.6
...	20.480	-12.416	-5	...	...	...	30.374	-20.100	-3	...	...	...	38.502	-15.500	0.70	51.4999	9.9
...	20.618	+27.289	-4	50.4965	10.0	...	30.387	-17.944	0.70	51.4978	9.8	...	39.017	+41.264	-3	50.5005	10.1

M
§ 10.5 = D, - 5.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
661-700						701-740						741-772					
66I	+39°380	+34°360	1.00	50.5006	9.6	70I	+45°112	-52°876	-5	...	...	74I	+53°686	-7°224	-1	50.5039	10.0
*	39°441	+21°360	-3	50.5007	10.1	...	45°128	+27°742	-4	...	...	e	53°851	-4°870	-4	e	...
...	39°456	+39°381	-5	...	...	...	45°145	-5°200	-5	50.5025	10.1	...	53°984	-58°978	-5	e	...
...	39°465	+55°120	-4	49.5005	9.9	...	45°626	-42°813	-5	51.5007	10.0	e	54°479	-45°007	-4	51.5020	10.0
...	39°658	+21°553	-5	b	...	...	45°823	+33°569	-3	50.5026	10.1	N ‡	54°74	+28°36	1.00	50.5040	9.6
...	+39°659	-27°708	-4	...	...	...	+46°150	-29°323	-5	...	...	e †	+54°769	-13°296	0.70	51.5019	9.7
...	40°126	-44°287	-5	...	...	...	46°428	-0°901	-2	50.5028	10.0	...	54°962	-37°863	-5	e	...
...	40°191	+46°650	-5	50.5008	10.1	...	46°516	+15°283	0.70	50.5027	10.0	N	55°20	+30°05	-5	...	...
...	40°457	+38°396	-3	50.5009	10.0	...	46°582	+21°204	-5	b	...	e	55°260	-35°991	0.65	51.5021	9.8
...	40°636	-59°002	-1	51.5000	9.7	...	47°539	-25°125	-5	...	...	...	55°345	-24°671	-5	e	...
67I	...	...	...	...	...	71I	...	...	...	...	...	75I	...	...	...	...	...
...	+40°772	+29°543	-2	50.5010	10.0	...	+47°834	-13°444	0.90	51.5008	9.8	...	+55°439	+21°947	0.85	50.5041	9.6
...	40°815	+16°470	-3	50.5011	10.1	...	47°888	+55°442	-3	49.5028	9.8	...	55°562	+6°867	-2	50.5042	10.0
...	40°846	-53°071	-3	51.5001	9.7	...	47°896	+19°830	-3	50.5029	10.1	...	55°835	-6°396	-4	e	...
...	41°144	-48°921	0.95	51.5002	9.7	...	47°936	+0°232	-5	...	...	e *	56°018	-20°798	1.00	51.5022	9.6
...	41°199	+27°216	-3	50.5012	10.1	...	47°966	-7°710	-5	...	...	...	56°116	-26°043	-5	e	...
...	+41°551	+25°575	-2	50.5014	9.9	...	+48°023	+19°434	-5	50.5030	10.1	...	+56°154	+17°822	0.70	50.5043	9.8
...	41°567	+46°210	-5	50.5013	10.0	...	48°815	-1°020	-5	...	...	...	56°154	-19°706	-5	e	...
...	41°717	-1°817	-2	50.5016	10.1	...	49°103	-48°906	-5	...	...	e	56°197	-35°849	0.70	51.5024	9.7
*	41°783	+23°614	1.05	50.5015	9.2	†	49°618	+23°785	0.90	50.5032	9.8	e	56°263	-20°458	-3	51.5023	10.0
...	41°961	-54°207	-1	51.5003	9.6	†	49°662	+41°933	-5	50.5031	10.0	e	56°761	-4°299	-3	50.5045	10.0
68I	...	...	...	...	...	72I	...	...	...	...	...	76I	...	...	...	...	...
N d	+42°191	+4°198	0.90	50.5018	10.1	...	+49°969	+36°514	-5	50.5033	10.0	N	+56°79	+31°13	-4	50.5044	10.1
...	42°291	+52°396	-4	49.5012	10.0	...	50°212	-9°752	-5	...	...	...	57°212	+3°866	0.95	50.5046	9.7
...	42°298	-27°730	-5	...	...	...	50°232	-3°739	-5	...	...	...	57°707	+23°414	0.80	50.5047	9.7
...	42°363	+39°141	-3	50.5017	9.8	...	50°346	-58°349	0.65	51.5012	9.7	...	57°759	-37°474	-5	e	...
...	42°499	-34°618	-3	51.5004	10.0	*	50°429	-55°601	1.30	51.5011	9.2	e	57°859	-18°812	-2	51.5025	10.0
...	+42°696	-46°279	-2	51.5005	9.8	...	+50°746	+28°572	-2	50.5034	9.9	...	+58°228	+46°188	0.75	50.5048	9.6
...	42°793	-54°829	-5	51.5006	10.1	...	50°755	-25°888	-5	...	...	...	58°488	+10°377	0.95	50.5049	9.6
S *	42°980	+26°400	1.20	50.5020	9.0	...	50°939	-41°558	-4	...	...	e *	58°495	-20°247	1.20	51.5026	9.2
...	42°985	+50°829	-4	50.5019	10.1	...	51°123	+11°128	0.70	50.5035	9.9	e	59°114	-47°400	-5	51.5028	10.1
...	43°087	-24°430	-3	...	...	...	51°370	-22°153	-5	51.5013	10.1	...	59°245	+12°408	-5	...	...
69I	...	...	...	...	...	73I	...	...	...	...	...	77I	...	...	...	...	...
...	+43°226	+42°560	-5	...	...	...	+51°797	-14°040	-5	...	...	...	+59°256	+30°591	-3	50.5050	9.8
...	43°497	+25°755	-2	50.5022	10.0	S *	51°904	-31°775	1.25	51.5014	9.0	...	59°552	+40°436	-4	50.5051	10.0
...	43°594	+40°245	1.00	50.5021	9.7	...	52°016	+3°321	-4	50.5036	10.1	...	...	...	...	...	...
...	43°825	-21°420	-5	...	...	...	52°233	-22°453	-1	51.5015	9.9	...	...	...	...	...	...
...	44°278	-26°663	-3	...	...	...	52°575	-12°215	0.95	51.5016	9.7	...	...	...	...	...	...
...	+44°500	+13°817	0.90	50.5023	9.8	*	+52°631	-2°459	1.20	50.5038	9.0	...	...	...	...	...	...
...	44°512	-37°792	-5	...	...	...	53°009	+10°184	-4	...	...	...	...	...	...	...	...
...	44°640	+1°809	-5	b	...	...	53°017	+44°775	-5	50.5037	10.1	...	...	...	...	...	...
†	44°661	+52°506	-5	49.5018	10.1	...	53°281	+3°009	-5	b	...	...	...	...	...	...	...
†	44°803	-8°511	1.00	50.5024	9.1	...	53°552	+53°279	-5	49.5035	10.0	...	...	...	...	...	...

M
 $\S 10.5 = D, -5.$
 68I. Var.
 745, 748, 761. Positions approximate; film distorted.

1-10						11-20						21-30					
I	α .	γ .	Diam.	C.P.D.	Mag.	II	α .	γ .	Diam.	C.P.D.	Mag.	2I	α .	γ .	Diam.	C.P.D.	Mag.
†	-59°709	+28°263	1.00	50.5040	9.6	...	-57°236	-6°421	-5	E	...	E	-56°392	-4°290	-3	50.5045	10.0
E	59°334	-7°329	-3	50.5039	10.0	...	57°156	+29°980	-5	...	...	†	56°351	-19°714	-5	E	...
...	59°319	+29°978	-5	...	...	E	57°023	-45°047	-3	51.5020	10.0	...	56°276	+3°886	1.00	50.5046	9.7
...	59°280	-4°976	-5	E	...	†	56°982	-24°692	-5	E	...	E	56°233	-20°455	-3	51.5023	10.0
...	58°768	+21°881	0.95	50.5041	9.6	...	56°973	+46°199	-1	50.5048	9.6	...	56°150	-26°050	-5	E	...
...	-58°045	+6°823	-3	50.5042	10.0	...	-56°932	-59°032	-5	E	...	E	-55°656	-35°840	-2	51.5024	9.7
E	58°022	-13°362	0.95	51.5019	9.7	...	56°830	-37°891	-5	E	...	...	55°415	+40°516	-3	50.5051	10.0
...	57°906	+17°793	-1	50.5043	9.8	E	56°603	-36°015	-3	51.5021	9.8	...	55°315	+30°642	-3	50.5050	9.8
...	57°788	+31°118	-4	50.5044	10.1	...	56°579	+23°431	0.95	50.5047	9.7	...	55°254	+10°444	1.00	50.5049	9.6
...	57°571	-59°556	-5	...	...	E *	56°461	-20°808	1.00	51.5022	9.6	†	54°694	+50°654	-5	50.5052	9.8

M
 $\S 10.7 = D, -5.$
 L measured from 1, 123, 252, 373, 499, 623.
 C " " 54, 188, 315, 434, 558, 669.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
31-90						91-150						151-210					
3I						9I						15I					
E †	-54.693	-18.751	-3	51.5025	10.0	...	-43.469	+34.991	0.70	50.5067	9.9	...	-35.110	-42.990	0.90	51.5062	9.6
...	54.591	+12.518	-5	...	...	...	43.298	-8.891	-4	...	...	...	35.072	+9.598	-3	50.5083	10.1
...	54.059	-37.387	-5	E	...	...	43.295	-11.101	-5	...	...	...	34.960	-53.311	-5	...	...
E *	54.010	-20.151	1.05	51.5026	9.2	...	43.186	+17.381	-4	...	...	...	34.940	-11.636	-5	...	...
...	53.473	+29.487	-5	...	...	*	42.954	-29.981	1.00	51.5047	9.6	*	34.935	-42.029	1.00	51.5063	9.6
*	-53.242	-8.270	0.95	50.5053	9.6	...	-42.731	-3.442	0.85	50.5066	9.9	...	-34.516	+40.315	-5	...	...
*	52.929	+3.308	1.00	50.5054	9.2	...	42.609	-46.589	-5	...	...	...	34.447	+50.160	-1	50.5085	9.6
...	52.608	-15.760	-5	...	...	...	42.519	-14.863	-5	...	...	...	34.210	-7.825	-5	...	...
E	52.284	-47.272	-5	51.5028	10.1	...	42.359	+24.595	-3	50.5068	10.0	...	34.185	+6.316	-1	50.5084	9.9
...	52.136	-33.174	-5	51.5029	10.1	n	42.348	-20.401	0.85	51.5048	9.6	*	34.038	+35.990	0.95	50.5087	9.4
4I						10I						16I					
...	-52.073	-17.792	-5	...	...	...	-42.273	-41.417	-4	...	...	...	-34.033	+19.665	0.80	50.5086	10.0
...	51.846	+58.386	-5	49.5048	9.9	n	42.141	-20.384	-4	51.5048	9.6	...	33.780	-56.257	-4	...	...
...	51.738	-28.345	-5	51.5030	10.1	...	42.100	+16.682	-5	B	...	†	33.596	-14.805	-5	...	...
...	51.459	+24.936	0.90	50.5055	9.8	...	42.091	-35.097	-4	...	...	...	33.539	+30.489	-5	...	...
...	51.276	-28.446	-3	51.5031	10.0	...	42.043	+16.758	-4	50.5069	10.1	...	33.174	-14.558	-5	...	...
...	-50.959	-34.024	-3	51.5033	10.1	...	-41.744	-23.045	0.90	51.5049	9.7	...	-33.036	+52.873	-5	...	...
...	50.789	-33.737	-5	...	...	...	41.650	-1.040	1.00	50.5070	9.6	...	32.974	+6.150	-5	...	...
...	50.783	+24.561	-4	...	...	...	41.625	-38.082	-5	...	...	...	32.821	-54.401	-1	51.5065	9.8
...	50.743	+14.219	-3	...	...	...	41.584	+49.205	-5	50.5072	10.1	*	32.806	+13.627	1.00	50.5088	9.6
...	50.599	+7.728	0.70	50.5056	10.0	...	41.511	+1.424	-2	50.5071	10.1	...	32.775	-29.067	-2	51.5066	10.0
5I						11I						17I					
...	-50.549	+47.243	-5	...	...	...	-41.331	-16.600	-5	...	...	...	-32.751	-23.022	-5	...	...
...	50.237	+21.902	-2	50.5057	10.1	...	41.141	+29.166	0.90	50.5073	9.7	*	32.659	+27.460	0.95	50.5089	9.6
†	49.844	-21.054	-5	51.5036	10.0	...	41.050	-40.400	-5	...	...	...	32.512	+3.612	-5	B	...
...	49.659	-39.926	-2	51.5034	9.8	...	40.847	-37.924	1.00	51.5051	9.6	...	32.388	-42.145	-5	...	...
...	49.560	-43.886	-5	51.5035	10.1	...	40.666	+39.174	-5	...	...	†	32.373	+45.006	-5	...	...
...	-49.360	-30.933	-4	...	...	...	-40.638	+45.673	0.95	50.5076	9.6	...	-32.278	-32.551	0.85	51.5068	9.6
*	49.031	-24.635	1.00	51.5037	9.4	...	40.506	+32.490	0.70	50.5075	9.8	...	31.915	-30.021	-4	51.5069	10.1
...	48.985	+37.180	-3	50.5058	10.0	...	40.496	+13.921	-2	50.5074	10.0	...	31.797	-3.784	-2	50.5090	10.0
...	48.573	+2.422	-5	B	...	...	40.396	-38.656	-4	...	...	...	31.728	+25.246	-4	...	...
...	48.495	+22.542	-4	...	...	...	40.241	-31.001	0.70	51.5052	9.8	...	31.566	-47.995	-5	...	...
6I						12I						18I					
...	-48.221	-10.313	-4	...	...	...	-39.919	+28.444	-5	...	...	...	-31.508	+8.784	-5	...	...
...	48.006	+19.358	-3	50.5059	10.0	†	39.803	+14.815	-5	50.5077	10.0	...	31.456	+14.993	0.85	50.5091	9.8
S *	47.632	-45.445	3.15	51.5038	7.1	...	39.449	-59.301	-5	...	...	...	31.453	-58.342	-4	...	...
*	47.544	-41.627	1.00	51.5039	9.4	S *	38.858	+48.459	1.00	50.5079	9.1	...	31.383	-30.704	-5	...	...
...	47.540	-30.610	-5	...	...	*	38.763	-1.755	1.00	50.5078	9.7	...	31.216	-10.901	-2	51.5070	9.8
...	-47.332	+17.937	-5	...	...	...	-38.755	-10.499	-3	51.5053	10.1	...	-30.720	+36.261	-2	50.5092	10.0
S *	47.258	+18.256	1.90	50.5060	8.3	...	38.635	+33.683	-5	...	...	...	30.469	-31.703	-2	51.5071	9.8
...	47.245	-18.205	0.75	51.5040	9.8	...	38.468	-9.628	-5	...	...	†	29.738	+31.920	-3	50.5093	9.9
...	46.801	-22.020	-5	...	...	...	38.390	+12.484	-5	...	...	...	29.619	-46.421	-5	...	...
...	46.711	+54.958	0.85	49.5057	9.7	...	37.944	-9.488	-2	51.5056	10.1	...	28.799	-18.681	-5	...	...
7I						13I						19I					
...	-46.692	-31.803	0.65	51.5041	9.8	...	-37.912	-20.013	-5	...	...	...	-28.794	-8.045	0.70	50.5094	10.0
*	46.485	+22.731	1.35	50.5061	8.6	†	37.839	-14.796	-3	51.5055	10.0	†	28.575	+20.081	2.70	50.5095	7.7
...	46.266	+55.148	-5	...	...	...	37.756	-20.660	-5	...	...	...	28.043	-3.278	-4	50.5096	10.1
...	46.234	+26.190	-3	50.5062	10.0	...	37.756	-58.912	-5	...	...	*	27.939	-56.043	1.20	51.5074	9.2
...	46.162	-53.809	-5	...	...	...	37.709	+36.775	-3	50.5080	10.0	...	27.802	-38.800	-3	...	...
*	-45.929	-45.906	1.20	51.5042	9.1	...	-37.194	+26.599	-3	50.5081	10.0	...	-27.698	+20.866	-5	A	...
...	45.755	-40.649	-4	...	...	...	37.171	+56.190	-5	...	...	...	27.578	-18.390	-4	51.5075	10.1
...	45.733	-8.131	-5	...	...	...	36.614	-14.978	-5	...	...	...	27.447	-29.541	-5	...	...
...	45.604	-42.767	-5	...	...	...	36.553	+28.129	-2	50.5082	9.9	*	27.391	+46.448	1.20	50.5097	9.0
...	45.585	-44.489	-4	51.5043	10.1	...	36.548	-41.640	-5	...	...	...	27.340	+2.465	-5	...	...
8I						14I						20I					
...	-45.531	-35.182	-5	...	...	...	-36.436	-21.038	-3	51.5058	10.0	...	-27.153	-23.171	-4	51.5076	10.1
...	45.487	+28.461	-5	...	...	...	36.435	+19.758	-5	...	...	...	27.110	-43.200	-5	...	...
†	44.724	+2.806	-5	...	...	...	36.396	-13.044	-5	...	...	*	26.964	-25.238	1.80	51.5077	8.0
*	44.195	+3.438	1.20	50.5063	9.0	...	36.367	-14.132	-3	51.5060	10.1	...	26.801	-27.751	-4	...	...
...	44.114	-40.307	-2	51.5044	10.0	...	36.292	-51.478	-5	...	...	...	26.611	+39.857	-4	...	...
...	-44.108	+58.555	-5	...	...	...	-36.279	-18.872	-2	51.5059	9.9	...	-26.181	+16.132	-5	...	...
...	44.020	+29.972	-1	50.5065	10.0	...	36.179	+59.385	-5	49.5071	10.1	...	25.948	+34.228	-5	...	...
...	43.835	+10.059	-2	50.5064	10.0	...	35.942	-20.748	-4	51.5061	10.1	...	25.888	+1.646	-5	B	...
...	43.702	-26.247	-5	...	...	...	35.897	-29.063	-5	...	...	...	25.833	+50.181	-5	...	...
...	43.511	+13.077	-2	...	...	...	35.408	-38.068	-5	...	...	N [	25.705	-54.478	-5	51.5078	10.1

M
§ 10.7 = D, - 5.
100, 102. C.P.D., suspected double.
210. Mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
211-270						271-330						331-390					
211	-25°661	+9°523	1·05	50.5098	9·2	271	-17°399	-2°764	-5	...	...	331	-8°201	+44°106	-5	...	...
...	25°456	-52°424	-4	51.5080	10·1	...	17°321	+3°187	-5	B	...	...	8°058	+36°360	-3	...	...
...	25°400	-6°302	-5	...	...	...	17°207	+54°291	-4	49.5110	10·0	...	8°025	+38°289	0·80	50.5130	9·7
...	25°376	-48°175	-5	...	...	...	16°783	-1°384	-5	...	...	...	7°894	-39°752	0·70	51.5115	9·8
...	25°035	+49°050	-4	...	...	...	16°430	+50°686	-5	...	...	...	7°741	-54°137	0·85	51.5116	10·0
†	-24°787	+3°207	-2	50.5099	9·8	...	-16°418	-44°279	-5	...	...	...	-7°411	-36°580	0·90	51.5117	9·9
†	24°768	-46°538	-5	...	...	...	16°148	-0°277	-5	50.5111	10·1	...	7°410	+45°131	2·00	50.5131	7·9
...	24°754	-2°193	-5	...	...	...	16°037	+4°976	-2	50.5112	10·0	...	7°250	-11°916	-3	51.5118	10·2
...	24°715	+21°263	-5	...	...	...	16°020	-3°330	-3	50.5113	10·1	...	6°142	+59°238	0·95	49.5133	9·8
...	24°475	-38°547	-5	...	...	...	16°006	-42°224	-4	...	...	...	6°003	-33°818	-5	...	...
221	-24°239	-42°204	1·15	51.5081	9·2	281	-15°852	-34°159	-3	...	...	341	-5°757	-13°580	-5	...	...
*	23°982	-47°468	1·00	51.5082	9·4	...	15°772	-31°773	0·80	51.5096	9·8	*	5°568	-44°278	3·00	51.5120	7·4
...	23°934	-22°485	-5	...	...	...	15°655	-21°281	-5	...	...	...	5°365	-14°548	-5	...	...
*	23°781	+24°185	1·10	50.5100	9·1	*	15°507	+1°207	1·40	50.5114	8·4	...	4°800	+13°988	0·80	50.5132	9·6
...	23°475	-6°436	-5	...	...	...	15°211	-56°404	-2	51.5097	9·9	...	4°799	-22°267	0·95	51.5121	9·6
*	-23°335	-17°707	1·00	51.5083	9·5	...	-15°132	-18°063	-5	...	...	...	-4°441	-21°312	-5	...	...
...	23°333	-9°144	-5	...	...	†	14°878	-52°805	1·40	51.5098	8·7	...	4°430	+7°332	-4	...	...
*	23°155	-35°293	1·10	51.5084	9·2	...	14°792	+1°519	-5	50.5115	10·1	...	4°199	-8°769	-4	...	...
...	22°834	+44°895	-5	...	...	...	14°270	-6°150	-3	50.5116	10·0	...	4°163	-4°403	-1	50.5133	10·0
*	22°782	-36°702	1·00	51.5085	9·4	...	14°107	-7°539	-2	50.5117	9·8	...	4°148	+54°628	-4	...	...
231	-22°753	+13°741	1·10	50.5101	9·2	291	-13°669	+17°460	0·80	50.5118	9·8	351	-4°120	-32°943	0·90	51.5122	10·0
*	22°340	-43°627	-4	...	...	...	13°840	-49°480	-4	...	...	...	4°019	-51°065	0·65	51.5123	10·0
...	22°065	-1°513	-4	50.5102	10·1	...	13°455	-5°060	-3	50.5119	10·0	...	3°968	-12°210	0·80	51.5124	9·8
...	22°036	-30°844	-3	51.5087	10·1	...	13°408	-1°491	1·00	50.5120	9·4	*	3°964	-50°128	1·20	51.5125	8·6
*	22°016	-56°152	1·15	51.5086	9·3	S *	13°177	-9°414	0·80	51.5099	9·8	...	3°716	+0°085	-5	β	...
...	-21°890	+53°212	-5	...	...	†	-12°545	-12°069	2·00	51.5100	8·1	...	-3°648	+50°700	-5	...	...
...	21°750	-23°837	0·70	51.5088	10·0	...	12°501	+25°030	-5	...	...	...	3°114	-10°993	0·75	51.5127	9·7
...	21°690	+15°798	-3	50.5103	10·0	...	12°211	+2°789	-2	50.5121	10·1	...	2°947	-11°362	0·90	51.5128	9·7
...	21°537	-44°878	-5	...	...	...	12°165	-45°388	-5	...	...	...	2°653	-17°751	-3	...	...
...	21°500	+25°325	0·85	50.5104	9·6	*	12°127	-38°228	0·95	51.5101	9·6	...	1°993	-59°040	-5	...	...
241	-21°452	-49°091	-5	...	...	301	-12°096	+10°122	2·00	50.5122	8·2	361	-1°983	-51°919	1·85	51.5129	8·0
...	21°191	+9°518	-3	...	...	S †	12°067	+5°944	-3	50.5123	10·3	S *	1°951	+8°451	1·15	50.5134	9·2
...	20°945	-12°476	-5	...	...	...	11°869	+42°159	0·80	50.5124	10·0	...	1°503	+21°776	-5	m	...
...	20°582	-39°135	-5	51.5089	10·1	...	11°612	+58°876	-1	49.5126	10·1	...	1°407	+20°956	-5	...	...
...	20°574	-1°209	-5	50.5105	10·1	*	11°333	-16°124	1·00	51.5103	9·4	...	1°086	-3°219	-5	...	...
...	-20°462	+25°821	-5	B	...	...	-11°286	-49°273	1·00	51.5102	9·8	†	-0°994	+50°074	-4	50.5135	10·3
...	20°450	+23°170	0·90	50.5107	9·7	...	11°181	-14°049	-5	51.5105	10·1	...	0°590	+10°989	-5	Bm	...
...	20°328	-33°332	-5	...	...	...	10°942	-56°264	-2	51.5104	9·8	...	0°510	-35°869	-2	51.5130	10·3
...	20°306	-7°064	-5	50.5106	10·1	...	10°887	+51°453	-5	B	...	...	0°493	-19°204	-4	...	...
...	20°225	-13°576	0·70	51.5090	10·0	...	10°878	-35°066	0·75	51.5106	10·0	...	0°383	-17°120	-5	...	...
251	-20°084	-59°297	-5	...	...	311	-10°748	-11°741	-5	51.5107	10·1	371	-0°206	-37°699	1·20	51.5131	8·4
...	19°569	-47°475	-5	...	...	...	10°244	-41°693	-5	51.5108	10·1	*	-0°166	-37°680	1·20	...	...
...	19°497	-31°761	-5	...	...	*	10°049	-26°488	1·00	51.5109	9·7	...	+0°309	-12°620	-3	...	...
...	19°152	+41°734	-5	...	...	†	9°890	+18°879	-5	...	...	...	0°325	-44°171	-5	...	...
...	19°151	-53°363	-2	51.5091	9·8	†	9°763	+25°207	1·20	50.5125	8·8	...	0°400	+51°531	-3	50.5136	10·0
...	-19°134	+26°489	-3	50.5109	9·9	†	-9°758	+31°809	-5	...	...	...	+0°494	+29°394	-5	m	...
...	19°078	+41°465	-5	B	...	...	9°506	-56°366	-1	51.5110	10·0	...	0°539	-49°086	-5	...	...
*	19°000	-40°590	1·00	51.5092	9·2	...	9°465	-40°771	-4	51.5111	10·1	...	0°771	+42°502	-5	M	...
...	18°962	-7°265	-4	50.5108	10·0	...	9°373	+18°880	-5	...	...	*	1°006	+17°347	1·80	50.5137	8·6
...	18°748	-27°000	-5	...	...	*	9°252	+11°816	1·10	50.5126	9·0	...	1°116	-30°420	-5	...	...
261	-18°742	+57°151	-5	49.5104	10·0	321	-9°084	-21°352	1·80	51.5114	8·6	381	+1°159	+16°898	-5	...	...
...	18°673	-13°172	-5	51.5093	10·0	*	9°071	+52°027	2·20	49.5130	8·1	...	1°319	-26°434	-5	...	...
...	18°561	+30°513	-5	...	...	n*	8°946	+31°733	1·50	50.5127	8·4	...	1°371	+28°179	-5	M	...
...	18°534	+35°118	1·05	50.5110	8·7	...	8°871	-42°144	-3	51.5112	10·1	*	1°442	+55°192	1·25	49.5144	8·8
...	18°497	+56°771	1·00	49.5105	9·5	...	8°849	+29°560	-2	50.5128	10·1	...	1°685	-56°637	-1	51.5132	9·8
...	-18°326	-12°960	-5	51.5094	10·1	...	-8°829	-22°797	-5	...	...	...	+1°694	+1°649	-5	Dd	...
...	18°032	-39°482	-2	51.5095	10·0	n	8°743	+31°522	-2	50.5127	8·4	...	1°758	-21°719	-3	51.5133	10·3
...	17°841	+15°349	-5	...	...	...	8°664	+40°347	-5	...	...	...	1°779	+43°984	-5	...	...
...	17°788	+24°534	-5	...	...	...	8°626	-52°432	-5	...	...	*	1°780	-22°930	1·05	51.5134	9·0
...	17°724	-55°449	-5	...	...	...	8°537	+18°833	-2	50.5129	10·3	...	2°225	-49°193	0·90	51.5135	10·0

M
§ 10·7 = D, - 5.

323, 327. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
391-450						451-510						511-570					
39I	+	2.302	-57.434	-5	...	45I	+	11.674	+38.676	-5	...	51I	+	22.148	-15.386	-5	...
...	...	2.840	+50.427	-3	50.5138	...	...	11.832	-41.259	-4	...	...	...	22.257	+20.494	0.85	50.5161
...	...	2.946	-54.213	0.65	51.5136	...	...	12.218	+8.452	-3	50.5150	...	...	22.315	-54.018	1.00	51.5165
...	...	3.085	-33.823	-4	...	...	...	12.569	-33.182	-5	...	...	...	22.379	+46.317	-5	...
...	...	3.405	-18.467	0.90	51.5137	...	...	12.609	-38.189	1.00	51.5151	...	...	23.038	+53.851	-4	49.5171
...	+	3.571	+55.839	-3	49.5146	...	+	12.761	+37.015	-5	a	...	...	23.343	-2.861	1.30	50.5162
*	...	3.719	-34.139	1.40	51.5139	*	...	12.771	+53.305	1.05	49.5161	...	...	23.543	-43.782	-5	...
...	...	3.911	+57.220	-5	...	...	...	12.924	-21.905	-3	...	...	...	23.583	-49.624	-4	...
...	...	4.389	+20.775	-5	...	...	...	13.076	-47.060	0.75	51.5152	...	...	23.591	+4.068	-5	...
...	...	4.982	+57.237	-4	...	...	...	13.215	-27.693	-5	...	...	...	23.678	-37.192	-5	...
40I	+	5.403	-26.857	-1	51.5140	46I	+	13.451	-37.678	0.90	51.5154	52I	+	24.006	-47.924	-4	...
...	...	5.621	+8.476	-3	50.5139	...	...	13.653	+52.067	-5	...	...	...	24.102	+8.814	-5	b
...	...	5.870	+45.382	-3	50.5140	...	...	13.910	+41.329	-3	50.5151	...	...	24.178	-50.430	-5	...
...	...	6.191	+58.246	-2	49.5150	...	...	13.933	-27.516	-3	...	...	...	24.425	-51.868	-5	...
...	...	6.290	+11.838	-5	...	...	...	14.042	+6.095	-5	...	...	...	24.616	-22.641	0.95	51.5168
...	+	6.391	+40.896	-5	...	...	+	14.251	-27.031	1.20	51.5155	...	+	24.671	+11.517	-5	...
...	...	6.700	-21.729	-5	...	...	...	14.347	+34.460	-5	a	...	...	24.710	+32.621	-5	...
...	...	6.893	-8.309	-5	...	...	...	14.373	-52.821	-5	...	...	...	24.950	-27.323	1.10	51.5169
...	...	6.999	-5.470	1.00	50.5141	...	...	14.508	-44.328	-5	...	...	...	25.427	+39.274	-4	...
*	...	7.031	-4.646	1.05	50.5142	...	...	14.675	+15.729	-5	b	...	...	25.466	+10.817	-5	...
41I	+	7.181	+7.604	1.40	50.5143	47I	+	14.859	-34.532	-5	...	53I	+	25.604	-9.356	-5	...
...	...	7.452	-30.376	-5	...	...	...	14.991	+28.633	-2	50.5152	...	...	25.737	+2.707	-3	50.5163
...	...	7.500	-29.582	-4	...	...	...	15.162	-47.956	-5	...	...	...	25.756	-50.732	-4	...
...	...	7.604	-45.753	-5	...	...	...	15.280	-35.158	-4	...	...	...	25.978	+35.971	-5	...
...	...	7.853	+28.610	-5	...	...	...	15.648	-7.466	-4	...	...	...	26.412	-25.085	1.00	51.5171
...	+	7.887	-44.851	-5	...	...	+	15.746	-59.504	1.00	51.5157	...	+	26.454	-24.914	-4	...
...	...	7.892	+42.909	-5	...	...	...	15.751	-38.757	0.70	51.5156	...	...	26.720	-21.238	-5	...
...	...	7.957	+59.381	-3	49.5153	...	...	15.874	-7.815	-5	...	...	...	27.048	-16.734	0.75	51.5172
...	...	8.361	+39.539	0.85	50.5144	...	...	15.876	+26.832	-5	a	...	*	27.052	-26.806	1.00	51.5173
...	...	8.435	-22.862	-3	51.5141	...	...	15.969	-22.845	-4	...	...	...	27.104	-38.955	-2	51.5174
42I	+	8.499	+37.616	-5	a	48I	+	16.130	-45.303	-5	...	54I	+	27.156	+22.749	-1	50.5165
...	...	8.595	-5.590	1.00	50.5145	...	...	16.166	-35.307	0.70	51.5158	...	...	27.243	-28.072	0.95	...
*	...	8.657	-50.590	1.30	51.5142	...	...	16.724	+41.903	-2	50.5153	...	*	27.330	-28.018	1.00	51.5175
...	...	8.697	-13.870	-5	...	...	...	16.752	+43.058	-3	50.5154	...	...	27.347	+39.434	-3	50.5164
...	...	8.924	+34.632	0.80	50.5146	...	...	16.882	+46.306	-5	a	...	...	27.501	-25.935	-5	...
...	+	9.190	-33.226	-4	...	...	+	16.952	-45.766	1	...	...	*	27.530	+11.416	1.40	50.5166
...	...	9.253	-1.342	-4	...	...	...	17.272	-41.140	-4	...	...	...	27.819	+23.975	-3	50.5167
...	...	9.400	-50.966	-5	...	...	...	17.474	-36.756	-5	...	...	...	28.500	+46.927	-3	50.5168
...	...	9.452	+33.759	0.70	50.5147	...	...	17.564	+43.976	-5	a	...	...	28.689	+16.501	-3	...
...	†	9.497	+20.094	-2	50.5148	...	...	18.280	+35.438	-5	a	...	*	28.868	+34.754	0.95	50.5169
43I	+	9.586	-32.815	-2	51.5144	49I	+	18.369	+19.825	-5	a	55I	+	28.940	-45.797	-5	...
...	...	9.682	-40.225	-5	...	...	...	18.713	-45.315	-5	...	...	...	28.954	+46.920	-5	...
...	...	9.728	-1.173	-3	...	...	...	18.867	+18.449	-1	50.5155	...	*	29.099	+28.210	1.00	50.5170
...	†	10.086	-7.931	-5	...	...	...	19.557	-22.382	1.00	51.5159	...	...	29.432	-43.308	-1	51.5177
...	...	10.145	-18.921	-1	51.5145	...	...	19.622	+37.850	1.00	50.5156	...	...	29.473	-53.650	-3	...
...	+	10.187	+56.575	0.65	49.5156	...	+	19.634	-9.615	-2	51.5160	S *	+	29.565	+6.070	6.00	50.5171
...	...	10.197	-51.663	0.95	51.5146	...	...	19.661	-30.096	-2	...	...	...	29.620	-46.370	0.80	51.5178
...	...	10.308	-53.213	-5	...	...	...	19.767	-28.906	-5	...	...	...	30.118	+23.819	-3	50.5173
...	...	10.339	+51.817	-4	...	...	...	20.168	+21.704	-5	...	...	...	30.210	+45.797	0.75	50.5172
...	...	10.585	-15.273	-5	...	...	...	20.216	+32.540	1.15	50.5157	...	...	30.413	+14.379	-3	50.5174
44I	+	10.881	-55.715	-5	...	50I	+	20.587	+42.698	0.95	50.5158	56I	+	30.459	-10.890	-5	...
...	...	10.900	-53.237	-5	...	...	...	20.881	-8.995	1.00	51.5161	...	...	30.483	-44.513	-4	...
...	...	11.149	+37.757	-5	a	...	...	20.888	+0.992	1.00	50.5159	...	...	30.817	-34.151	-5	...
...	...	11.275	-9.214	-5	...	...	...	21.152	-2.311	-4	...	...	...	30.968	+55.574	0.95	49.5184
...	...	11.463	-34.136	0.90	51.5147	...	...	21.203	-56.820	-2	51.5162	...	...	31.113	-47.150	-4	...
...	+	11.475	+49.567	-4	...	...	+	21.441	-6.934	-5	...	...	...	31.246	-34.085	-5	...
S *	...	11.489	+42.084	1.35	50.5149	*	...	21.464	+45.653	1.00	50.5160	...	...	31.333	+42.576	-5	b
...	...	11.560	-19.178	-2	51.5148	...	...	21.588	-30.674	-5	...	...	...	31.544	-42.048	-4	...
...	...	11.570	+28.261	-5	...	...	...	21.919	-9.712	-3	51.5163	...	...	31.804	-7.767	-5	...
*	...	11.669	-38.578	1.50	51.5149	...	...	21.968	+10.236	5	...	...	...	32.162	+55.084	-4	...

§ 10.7 = D. - 5.

Notes.	Co-ordinates.		Diam	C.P.D.		Notes.	Co-ordinates.		Diam	C.P.D.		Notes.	Co-ordinates.		Diam	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
571-630						631-690						691-715					
57I	+32.473	-53.271	-5	...	...	63I	+41.161	+52.813	-5	...	...	69I	+55.650	+32.428	-5	...	...
...	32.632	+53.145	-4	...	...	...	41.170	-21.279	-5	...	...	...	55.758	-41.563	-4	e	...
...	32.834	-54.370	-5	...	...	...	41.222	+21.935	-5	b	...	...	55.872	+3.447	-3	...	...
...	32.945	-20.533	-5	...	...	...	41.418	+33.090	-5	...	...	e	56.139	-32.949	0.65	51.5207	10.1
...	32.999	+9.444	-5	b	...	...	41.908	+43.412	-5	...	...	...	56.200	+29.033	-2	50.5213	10.3
...	+33.057	-8.215	-5	...	...	*	+42.067	-38.082	1.00	51.5186	9.6	...	+56.322	+24.418	-4	...	...
...	33.101	+9.409	-5	...	...	...	42.168	+32.812	0.65	50.5194	10.0	...	56.381	+14.149	0.70	50.5214	10.2
*	33.197	-50.155	1.40	51.5180	8.9	...	42.348	+14.339	0.85	50.5195	9.8	...	56.453	-45.632	-5	e	...
...	33.715	+48.905	-3	50.5175	10.2	...	42.431	-3.946	-5	...	...	...	56.744	-0.637	-4	e	...
...	33.848	+6.907	0.90	50.5176	10.1	*	42.837	+43.557	1.00	50.5196	9.6	...	56.889	+0.284	-1	50.5215	10.3
58I	+33.885	+45.370	-5	a	...	64I	+42.942	+50.150	-3	50.5197	10.1	70I	+56.921	-24.146	0.95	51.5208	9.7
...	33.951	-51.094	-5	...	...	...	42.950	-44.386	-3	51.5188	10.3	e	57.205	-8.613	-5	...	...
...	34.393	-4.424	-5	50.5178	10.3	...	43.035	+7.001	-3	50.5198	10.3	e	57.570	-55.570	-5	51.5210	10.2
...	34.515	+33.077	0.65	50.5177	10.0	...	43.180	-43.918	-2	51.5190	10.2	e *	57.956	-26.014	1.30	51.5209	9.0
...	34.919	+50.620	-4	...	...	...	43.391	-11.826	0.65	51.5187	10.3	e	58.276	-33.361	0.90	51.5211	10.0
...	+35.172	+32.824	-3	50.5179	10.3	†	+43.759	+15.153	0.70	50.5199	9.8	...	+58.320	+16.964	0.70	50.5216	10.0
...	35.335	+53.754	0.90	49.5187	10.0	*	43.887	-31.631	2.20	51.5191	7.9	...	58.402	+59.159	-5	...	...
...	35.355	-6.284	-1	50.5182	10.3	...	43.961	+21.362	-5	b	...	...	58.605	-44.526	-4	e	...
...	35.409	+2.241	-4	...	...	...	44.389	+31.066	-3	50.5200	10.3	...	58.842	-27.242	-5	e	...
...	35.466	+37.596	0.80	50.5180	10.2	...	44.565	-4.601	-5	...	...	...	59.008	+3.234	-3	...	...
59I	+35.721	-32.130	-5	...	...	65I	+44.653	-10.708	0.95	51.5192	9.6	7II	+59.123	-21.725	-3	e	...
†	35.761	+10.200	-3	50.5183	10.2	...	45.104	+36.508	-3	...	...	...	59.531	+33.933	-5	...	...
...	35.805	+45.686	0.90	50.5181	9.8	...	45.198	-2.725	0.80	50.5201	10.0	...	59.590	-38.248	-5	e	...
...	35.835	+55.162	-5	...	...	...	45.796	+8.643	-5	...	...	†	59.704	+44.989	0.65	50.5217	10.0
...	35.931	-7.147	0.65	50.5184	10.0	...	45.944	-23.371	-3	51.5193	10.3	...	59.813	-35.878	-5	e	...
...	+36.133	-3.385	0.90	50.5185	10.0	...	+46.597	+28.985	-5	...	...	...					
...	36.556	-56.085	-3	...	...	...	46.612	-13.027	0.75	51.5194	10.0						
...	36.631	+40.306	-4	...	...	...	46.933	-26.096	-2	51.5195	10.3						
...	36.811	-31.682	-5	...	...	...	47.234	-0.211	0.75	50.5202	10.2						
...	36.879	+24.847	-5	...	...	...	47.480	-52.764	-5	...	...						
60I	+37.085	+29.777	0.85	50.5186	9.6	66I	+47.620	-53.391	-3	51.5196	10.1						
...	37.519	-29.223	-3	...	...	...	47.702	+25.691	-2	50.5203	10.2						
...	37.526	+28.893	-5	a	...	...	48.179	-47.282	1.00	51.5197	9.4						
...	37.577	-33.990	-3	...	...	...	48.708	+18.594	-5	b	...						
...	37.586	+33.618	-2	50.5187	10.2	*	49.186	-5.561	1.00	50.5204	9.6						
...	+37.615	-18.018	-2	...	...	...	+49.333	+17.777	-5	b	...						
...	37.623	+3.646	-5	a	...	...	49.855	+33.781	1.00	50.5205	9.6						
S *	37.788	-7.011	1.40	50.5189	8.8	†	49.868	-13.928	0.90	51.5198	9.7						
*	37.825	+56.492	1.40	49.5192	9.0	*	50.202	-45.793	1.50	51.5199	8.7						
...	37.905	+27.442	-3	50.5188	10.3	*	50.219	+31.146	1.20	50.5206	9.2						
61I	+38.423	-32.729	0.70	51.5182	10.1	67I	+50.936	+26.546	1.25	50.5207	8.9						
...	38.570	-38.638	0.90	51.5183	10.0	S *	51.058	-37.981	2.00	51.5200	8.2						
...	38.718	+40.570	-5	...	...	...	51.213	-5.140	-5	...	...						
...	38.882	+54.566	-5	...	...	*	51.579	-27.710	1.05	51.5201	9.4						
...	38.924	-5.661	0.70	50.5190	10.1	...	51.707	+53.645	-1	49.5210	10.2						
...	+39.086	+25.590	-5	a	...	...	+52.656	+2.283	0.65	50.5208	10.2						
...	39.147	-17.121	-1	...	...	...	52.691	-32.377	-5	...	...						
...	39.326	-9.204	-5	...	...	...	52.887	+19.769	-5	...	...						
...	39.445	+5.426	-5	a	...	...	52.920	+8.154	-1	50.5209	10.3						
...	39.469	+46.484	-5	a	...	e *	53.165	-12.161	1.10	51.5202	9.3						
62I	+39.703	-53.829	-4	...	...	68I	+53.187	+6.601	0.65	50.5210	10.2						
†	39.961	+16.913	0.95	50.5192	9.7	...	53.243	+8.299	-5	b	...						
...	40.121	+17.435	-3	...	...	S *	53.680	+53.821	3.00	49.5211	7.8						
...	40.267	-39.838	-3	...	...	e	53.960	-16.498	0.70	51.5203	9.9						
...	40.435	+27.979	0.95	50.5193	9.7	...	54.226	+3.511	0.80	50.5211	10.0						
...	+40.497	+51.345	-1	50.5191	10.0	e	+54.416	-33.187	0.85	51.5204	9.9						
...	40.574	+4.960	-4	...	...	...	54.665	+52.849	-4	49.5213	10.3						
*	40.584	+56.109	1.25	49.5197	9.0	...	54.883	+16.866	-2	50.5212	10.1						
...	40.604	+3.434	-4	...	...	e	55.371	-17.337	0.90	51.5205	9.8						
...	40.817	-30.673	0.90	51.5184	9.7	e	55.496	-34.547	0.90	51.5206	10.0						

M
§ 10.7 = D. - 5.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	γ.		No.	Mag.		α.	γ.		No.	Mag.		α.	γ.		No.	Mag.
1-60						61-120						121-180					
I						6I						12I					
E *	-59°59	-12°288	1.05	51.5202	9.3	*	-48°598	-32°104	1.40	51.5217	8.5	...	-40°565	-38°649	-4	...	...
...	59°225	+3°423	0.80	50.5211	10.0	...	48°465	+32°264	-5	A	...	...	40°491	-12°999	0.90	51.5233	9.8
...	59°097	+16°792	-2	50.5212	10.1	...	48°268	-28°790	-5	...	...	...	40°427	+53°688	-5	...	...
...	58°985	+32°366	-5	...	...	...	48°234	-9°736	-3	...	...	...	40°309	-19°904	-4	...	...
E	58°683	-16°585	-1	51.5203	9.9	...	48°048	-4°309	0.95	50.5229	10.0	*	40°040	-8°955	1.05	51.5235	9.3
...	-58°278	+28°991	-3	50.5213	10.3	...	-48°012	+13°715	0.70	50.5230	10.3	*	-40°013	+31°192	1.00	50.5239	9.6
...	57°977	+24°392	-5	...	...	...	48°007	-10°726	-5	...	...	...	39°697	-25°191	-5	...	...
...	57°579	+3°413	-3	...	...	...	47°783	-10°223	-5	...	...	*	39°667	-46°392	1.30	51.5234	9.0
E	57°565	-33°253	-1	51.5204	9.9	...	47°776	-35°201	0.80	51.5219	9.6	*	39°219	+49°554	1.00	50.5240	9.4
...	57°508	+14°129	-2	50.5214	10.2	...	47°761	+57°309	-1	49.5233	10.0	...	39°094	-53°663	1.00	51.5236	9.6
II						7I						13I					
...	-57°308	+59°170	-5	...	...	...	-47°560	-39°531	-5	...	...	*	-39°021	-54°433	1.05	51.5237	9.4
E	57°256	-17°370	0.95	51.5205	9.8	...	47°273	-6°322	-4	...	...	...	38°955	-49°143	-3	...	...
...	56°556	-0°629	-3	E	...	...	47°013	-25°522	-3	51.5220	10.2	*	38°954	-30°231	1.25	51.5238	8.7
...	56°435	+0°298	0.70	50.5215	10.3	S *	47°008	-10°612	1.10	51.5222	9.0	...	38°839	-35°333	-3	...	...
E	56°417	-34°559	0.90	51.5206	10.0	...	46°621	+29°665	-5	B	...	...	38°675	+35°682	-3	...	...
...	-55°879	-41°565	-3	E	...	...	-46°325	+26°625	-5	...	...	...	-38°276	+42°352	-3	...	...
E	55°848	-32°936	-3	51.5207	10.1	...	46°293	+24°395	-3	...	...	*	38°237	+35°170	1.00	50.5241	9.4
...	55°761	-8°572	-4	...	...	...	46°286	-51°228	-5	...	...	...	38°012	-55°016	1.00	51.5239	9.8
...	55°671	+17°022	0.80	50.5216	10.0	...	46°091	-49°636	-5	...	...	*	37°793	+23°368	1.00	50.5242	9.4
†	55°449	+45°091	-3	50.5217	10.0	...	45°620	+59°075	-5	...	...	...	37°592	-12°135	-4	...	...
2I						8I						14I					
E	-55°425	-24°116	0.95	51.5208	9.7	...	-45°546	-57°902	-5	...	...	*	-37°234	-35°605	1.00	51.5241	9.4
...	54°999	-45°611	-5	E	...	...	45°281	-10°419	0.70	51.5224	10.1	...	37°145	+20°764	0.85	50.5243	10.1
...	54°451	+3°338	-3	...	...	...	45°157	+29°209	-5	A	...	...	37°069	-46°480	1.00	51.5240	9.6
E *	54°298	-25°933	1.15	51.5209	9.0	...	45°116	+6°232	-5	M	...	...	37°025	+59°190	-4	49.5251	10.3
†	54°139	-29°672	-5	...	...	...	45°087	+12°696	0.85	50.5231	10.0	...	36°911	+20°324	0.70	...	...
...	-54°133	+28°885	-3	50.5218	10.3	†	-44°776	+26°216	1.25	50.5232	9.0	...	-36°751	-5°371	-4	...	...
†	53°715	+44°984	-2	50.5220	9.7	...	44°686	-55°678	1.00	51.5223	9.7	*	36°697	-34°157	1.00	51.5242	9.6
E	53°680	-33°269	-1	51.5211	10.0	...	44°572	-42°112	-5	...	...	...	36°643	+27°616	-5	...	...
E	53°456	-55°492	-5	51.5210	10.2	...	44°472	-48°736	-3	51.5225	10.3	*	36°617	-12°514	1.00	51.5244	9.4
*	53°363	+14°725	1.00	50.5219	9.4	...	44°442	-25°752	-1	51.5226	10.3	...	36°448	+9°002	0.90	50.5244	10.0
3I						9I						15I					
...	-53°358	-27°130	-5	E	...	...	-44°251	+2°991	0.70	50.5233	10.2	...	-36°319	-48°483	-3	51.5243	10.3
...	53°312	-21°596	-2	E	...	...	44°048	-16°422	0.70	51.5227	10.1	*	36°100	-10°884	1.00	51.5245	9.6
...	52°913	-44°396	-5	E	...	...	43°969	-59°485	-5	...	...	...	36°069	-42°171	-5	...	...
...	52°727	-4°187	-5	...	...	...	43°958	-55°530	-5	...	...	...	35°867	+53°196	-5	A	...
...	52°591	-1°525	-4	...	...	...	43°895	-32°605	-2	...	...	...	35°860	-55°188	-5	...	...
*	-52°573	-4°624	1.30	50.5221	9.2	...	-43°820	-0°865	-4	...	...	...	-35°752	+55°353	-3	...	...
...	52°296	+46°162	1.00	50.5223	9.8	*	43°804	+7°891	1.00	50.5234	9.8	†	35°611	-4°911	-3	50.5245	10.3
...	52°294	-4°691	-5	...	...	...	43°637	-3°166	0.70	50.5235	10.1	...	35°434	-16°503	-5	...	...
...	52°192	+25°864	-2	...	...	...	43°291	+35°184	-5	...	...	...	35°372	+47°732	-5	A	...
...	52°161	-38°094	-5	E	...	...	43°286	+2°448	0.70	50.5236	10.2	...	35°292	-25°458	-2	51.5247	10.3
4I						10I						16I					
...	-52°146	+6°755	0.75	50.5222	10.2	...	-43°197	-18°305	0.80	51.5228	10.0	...	-35°165	-10°108	-5	...	...
...	52°023	-35°731	-5	E	...	...	43°092	+6°378	-3	...	...	...	35°080	+34°587	-5	...	...
...	51°887	+4°028	-5	B	...	...	43°057	+28°615	-5	...	...	†	34°854	-31°667	1.00	51.5249	9.3
...	51°295	-38°009	-5	...	...	*	43°027	+57°750	1.00	49.5242	9.6	†	34°803	+50°375	-3	50.5247	10.2
...	51°237	-20°264	-5	...	...	...	43°021	-10°388	-5	...	...	...	34°730	-15°284	-3	...	...
*	-50°810	+15°292	1.00	50.5224	9.6	†	-42°977	-9°794	-4	...	...	...	-34°689	-56°385	-1	51.5248	10.1
...	50°480	-11°115	-3	51.5214	10.3	...	42°940	-28°668	-5	...	...	...	34°680	-10°972	-2	...	...
...	50°354	-29°083	1.00	51.5213	9.6	...	42°728	-2°830	-3	...	...	...	34°597	+21°309	-3	50.5246	10.3
...	50°082	-19°426	-5	...	...	...	42°662	-48°913	-3	51.5229	10.3	...	34°476	+31°797	-3	...	...
...	50°029	+47°471	1.00	50.5228	9.7	...	42°477	-32°038	0.90	51.5230	9.7	...	33°971	+4°040	-5	...	...
5I						11I						17I					
*	-49°745	+7°104	1.00	50.5225	9.6	...	-42°459	+21°366	-4	...	...	...	-33°931	+16°116	-4	...	...
...	49°685	-22°572	1.05	51.5215	9.6	*	42°396	-17°373	1.25	51.5231	9.0	*	33°809	-7°052	0.95	50.5248	9.6
...	49°608	-13°117	0.75	51.5216	10.0	...	42°181	+39°420	-5	A	...	...	33°782	+52°561	-2	49.5256	10.2
...	49°572	+15°835	0.70	50.5227	10.1	...	41°599	+45°336	-4	50.5237	10.2	...	33°535	-43°672	-3	51.5250	10.3
*	49°343	-0°597	1.00	50.5226	9.6	...	41°391	+16°909	-5	M	...	...	33°463	+15°429	-5	...	...
...	-49°332	-4°158	-5	...	...	...	-41°279	-1°436	-2	...	...	...	-33°387	-27°051	0.70	51.5251	10.3
...	49°242	-28°255	-5	...	...	...	41°038	-17°027	0.90	51.5232	10.0	...	33°111	+4°834	-5	M	...
...	48°935	-24°171	-5	...	...	...	40°905	-25°017	-2	...	...	...	32°977	-38°109	0.90	51.5252	10.2
†	48°892	+40°011	-5	A	...	...	40°719	-4°385	-5	...	...	...	32°858	-34°374	-4	...	...
...	48°831	-3°165	-4	...	...	...	40°645	-8°235	0.75	50.5238	10.0	...	32°653	+25°288	-5	...	...

L measured from 1, 127, 292, 421, 559, 723.

C " " 51, 207, 348, 490, 648, 781.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	δ .		No	Mag.		α .	δ .		No	Mag.		α .	δ .		No	Mag.
181-240						241-300						301-360					
18I	-32'458	+13'984	-5	...	...	24I	-26'959	+12'255	-5	...	...	30I	-17'856	-22'472	-5	p	...
...	32'377	+35'377	-5	...	...	...	26'875	-57'317	-4	...	...	...	17'852	-40'811	-5	...	...
...	32'205	+24'827	-5	A	...	...	26'873	-27'985	0.80	51.5268	10.0	...	17'823	+43'968	0.95	50.5277	10.0
...	32'112	-37'426	-2	...	...	*	26'796	+1'564	1.00	50.5265	9.8	...	17'706	+23'749	-3	50.5276	10.2
...	31'988	-49'035	-3	...	...	...	26'230	+26'474	-3	...	...	...	17'671	+53'945	-5	...	...
...	-31'825	-51'844	-5	...	...	...	-26'228	-33'141	-5	...	...	...	-17'380	-37'645	-5	...	...
†	31'791	-29'817	-1	51.5253	10.2	...	26'033	-56'144	0.80	51.5269	10.1	*	17'229	-27'760	0.90	51.5287	9.8
...	31'637	-14'486	-5	...	...	...	26'003	-14'917	-4	...	...	†	17'133	-49'772	-3	...	...
...	31'599	-12'548	-5	...	...	...	25'720	+0'474	-5	M	...	...	16'942	-26'583	-5	...	...
...	31'565	-12'619	0.70	51.5255	9.8	...	25'323	-55'350	-5	...	...	...	16'607	-45'199	-5	p	...
19I	-31'480	-22'687	0.75	51.5254	10.0	25I	-25'281	-21'893	0.75	51.5271	10.1	31I	-16'070	+18'269	0.80	50.5278	9.8
...	31'181	+27'159	-3	...	...	...	25'239	+30'315	-2	50.5266	10.3	...	15'737	-56'471	-2	...	...
...	31'177	-31'101	-4	...	...	...	25'098	-23'714	-5	...	...	...	15'402	-32'757	0.70	51.5289	10.3
*	31'039	+43'008	1.00	50.5250	9.4	...	25'021	-3'494	-4	...	...	...	14'870	+12'390	-3	...	...
...	31'005	+33'301	-5	A	...	†	24'991	+21'711	1.10	50.5267	9.0	...	14'744	-19'362	-4	...	...
...	-30'914	-34'632	-5	...	...	...	-24'813	-31'153	-2	51.5272	10.3	...	-14'627	-41'466	0.80	51.5290	10.1
*	30'894	-7'038	1.00	50.5249	9.6	...	24'558	+24'727	-4	...	...	...	14'206	+50'951	-3	50.5279	10.3
*	30'857	+29'756	1.00	50.5251	9.8	...	24'330	+10'455	0.75	50.5268	9.6	...	14'116	+54'578	-5	...	...
†	30'678	-34'698	-2	51.5256	10.1	...	24'215	+25'947	-4	...	...	...	13'641	+56'779	-5	A	...
...	30'536	+36'015	0.70	50.5252	10.3	...	23'967	-15'623	-5	...	...	...	13'599	+10'834	-2	50.5280	10.2
20I	-30'511	-4'104	-5	...	...	26I	-23'764	-46'406	-5	p	...	32I	-13'587	-47'790	0.70	51.5291	10.3
...	30'407	+23'447	-3	...	...	...	23'751	+43'393	-5	B	...	...	13'536	-14'714	-5	...	...
...	30'262	-47'406	-5	...	...	*	23'747	+26'220	1.00	50.5269	9.3	*	13'337	+34'703	1.00	50.5281	9.4
...	29'997	+19'193	-3	50.5253	10.3	...	23'730	-17'213	0.90	51.5277	10.0	...	13'193	-27'290	-5	...	...
†	29'970	-47'040	-1	51.5257	10.0	...	23'708	-19'897	0.65	51.5276	10.1	...	13'104	+9'388	-3	...	...
†	-29'965	-33'774	-2	51.5258	10.2	*	-23'581	-32'769	1.00	51.5275	9.6	...	-13'012	+15'766	-5	...	...
*	29'892	-12'570	0.70	51.5259	9.7	...	23'579	-27'940	-5	p	...	...	12'945	-16'684	-5	...	...
*	29'750	+51'476	1.25	50.5256	9.0	...	23'407	-57'142	-2	51.5274	10.3	...	12'927	+55'556	1.00	49.5285	9.7
...	29'641	+6'543	-3	50.5255	10.3	...	23'256	-45'718	0.75	51.5278	10.2	...	12'809	-52'765	-3	...	...
*	29'628	+11'150	1.00	50.5254	9.2	S *	23'179	+11'519	1.25	50.5270	9.0	...	12'584	-42'145	-3	...	...
21I	-29'583	-37'561	-5	...	...	27I	-23'028	+22'179	-5	M	...	33I	-12'440	-18'982	-5	...	...
...	29'565	-42'778	-5	...	...	...	22'429	+43'117	-2	50.5271	10.3	*	12'384	-8'859	1.00	51.5292	9.0
...	29'512	+17'914	-3	...	...	...	22'029	+45'891	-4	...	...	...	12'359	+47'396	-3	...	...
†	29'504	-19'867	0.70	51.5260	10.0	...	21'920	-35'758	-4	...	...	...	12'132	+25'471	0.70	50.5282	10.2
...	29'445	+48'733	-5	B	...	...	21'895	-9'948	0.70	51.5280	10.3	...	11'875	-16'968	-2	51.5293	10.3
...	-29'419	-2'684	-4	...	...	...	-21'724	+15'483	-3	...	...	...	-11'339	+31'261	-3	50.5283	10.3
...	29'331	-40'138	-4	...	...	*	21'599	+32'175	1.05	50.5272	9.4	...	11'302	-54'171	-1	51.5295	10.1
*	29'073	+19'273	1.20	50.5257	9.0	...	21'433	-39'573	-5	...	...	*	11'273	-49'096	1.40	51.5296	8.7
...	29'059	-46'153	0.85	51.5261	10.2	*	21'423	-27'198	1.10	51.5282	9.3	...	10'793	+15'695	0.70	50.5284	10.3
...	29'005	-24'325	-5	...	...	S *	21'402	+53'967	2.85	49.5273	8.0	...	10'756	+3'027	0.75	50.5285	10.0
22I	-28'917	-18'290	0.70	51.5264	10.0	28I	-21'365	-31'910	3.50	51.5281	7.0	34I	-10'585	-35'816	0.75	51.5297	10.2
...	28'854	-49'250	-1	51.5263	10.2	S *	21'340	-15'480	1.00	51.5285	9.6	...	10'575	-54'827	-5	...	...
...	28'807	+43'459	-5	B	...	...	21'261	-58'294	-4	...	...	...	10'355	+14'765	-5	M	...
...	28'705	-41'829	-3	...	...	...	21'201	-37'245	0.75	51.5284	10.2	...	10'218	+19'068	-3	50.5287	10.2
*	28'695	+34'045	1.00	50.5260	9.6	...	21'138	-40'900	-5	...	...	*	10'189	-5'678	1.20	50.5286	8.7
...	-28'677	-6'903	0.85	50.5258	10.0	...	-21'135	-53'836	0.85	51.5283	10.1	...	-10'158	-41'041	0.95	51.5298	10.1
...	28'594	+47'443	0.80	50.5261	10.2	*	20'778	+17'268	1.10	50.5273	9.0	...	10'047	-28'624	-5	...	...
...	28'566	-5'862	-4	50.5259	10.3	...	20'597	+19'388	-5	M	...	...	9'859	-15'631	-4	...	...
...	28'549	-57'554	-3	...	...	...	20'424	+55'803	0.65	49.5277	10.2	...	9'817	-11'388	-4	...	...
*	28'469	-30'759	0.90	51.5265	9.8	...	20'272	+53'492	-4	49.5278	10.3	...	9'519	-22'087	0.70	51.5299	10.1
23I	-28'402	-50'904	-5	...	...	29I	-20'063	-31'067	-5	p	...	35I	-9'474	+33'479	-5	...	...
...	27'833	+1'576	-5	M	...	...	19'664	+22'938	0.75	50.5274	10.3	...	9'455	+2'669	-5	M	...
...	27'814	-23'796	-3	...	...	...	19'609	-47'298	-3	...	...	...	9'417	-21'629	-5	p	...
*	27'775	+6'372	1.20	50.5262	8.9	...	19'282	-3'856	-5	...	...	*	9'406	-47'396	1.00	51.5300	9.7
...	27'774	-3'252	-5	...	...	...	18'971	+23'712	-2	50.5275	10.2	...	9'374	+12'796	-5	M	...
...	-27'707	+13'127	0.85	50.5263	9.8	...	-18'944	+10'656	-5	M	...	...	-9'330	-16'156	-3	...	...
...	27'668	-4'961	-3	...	...	...	18'366	+36'406	-5	...	...	...	9'323	+46'897	0.85	50.5289	10.1
*	27'608	-13'274	1.00	51.5267	9.6	...	18'364	+24'466	-3	...	...	...	9'302	-33'662	-4	...	...
...	27'325	+25'466	0.75	50.5264	10.1	*	18'084	-21'505	1.00	51.5286	9.4	...	9'300	+7'876	0.80	50.5288	9.7
...	27'008	-8'555	-4	...	...	...	17'863	-31'081	-5	...	...	...	9'116	+39'725	0.70	50.5290	10.1

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
361-420						421-480						481-540					
36I	-8.634	+29.385	0.70	50.5292	10.1	42I	+0.466	-28.411	-2	51.5309	10.3	48I	+8.250	+40.348	-3	50.5314	10.3
...	8.499	+37.564	-4	...	...	...	0.501	-10.927	-5	...	...	*	8.482	-52.772	1.00	51.5324	9.6
*	8.475	+14.515	1.00	50.5291	9.2	...	0.619	-32.996	0.80	51.5310	10.0	†	8.854	+55.054	-5	...	...
...	8.419	-57.283	-4	...	...	...	0.877	-16.887	-3	...	...	...	8.887	+55.764	-5	...	...
...	8.383	-44.936	-4	...	...	...	1.022	-14.210	-2	...	...	...	9.370	+12.557	-2	50.5315	10.3
...	-8.357	-38.568	-5	...	...	*	+1.153	+47.133	1.00	50.5304	9.4	...	+9.395	+56.549	-3	49.5322	10.3
...	8.063	+50.679	0.85	50.5294	9.8	...	1.434	+36.641	-4	...	...	...	9.778	-50.723	-5	...	...
...	7.844	+8.614	0.80	50.5293	10.0	...	1.494	-37.378	0.80	51.5311	10.1	†	9.861	-55.130	1.05	51.5326	9.3
...	7.807	-11.620	-5	...	...	...	1.773	+44.244	-5	...	...	†	9.979	-50.010	-4	51.5327	10.3
...	7.741	+59.258	-5	...	...	...	1.958	+4.662	-5	Mm	...	*	10.294	-36.075	1.00	51.5328	9.8
37I	-7.519	+13.310	-5	...	...	43I	+1.959	+59.172	1.00	49.5309	9.6	49I	+10.319	-34.470	-5	...	...
...	7.471	+37.105	1.25	50.5295	8.9	*	1.959	+20.929	0.95	50.5305	9.6	...	10.602	+57.230	-4	...	...
*	7.423	-34.593	-5	...	...	...	2.002	-24.524	-3	...	...	...	10.702	+16.340	0.70	50.5316	10.3
...	7.332	+51.872	-5	...	...	...	2.164	+21.423	0.80	50.5306	10.1	...	10.773	+44.102	-4	...	...
...	7.062	-0.248	-5	p	...	...	2.390	+3.619	-5	Mm	...	*	10.826	-21.795	1.00	51.5330	9.6
...	-6.924	+2.738	-2	50.5296	10.0	...	+2.544	+5.864	-2	...	...	...	+10.841	-38.213	0.75	...	...
...	6.873	-11.553	-4	...	...	*	2.881	-30.789	1.00	51.5312	9.4	...	11.036	+58.845	-4	...	...
...	6.860	+11.637	-5	M	...	...	3.098	+52.934	-5	...	...	...	11.107	-30.395	-4	...	...
...	6.589	-57.249	-5	...	...	...	3.133	-43.587	-4	...	...	...	11.185	+49.757	-1	50.5317	10.3
...	6.522	-54.177	-5	...	...	...	3.258	-3.822	0.70	50.5307	10.0	...	11.272	-59.221	-5	...	...
38I	-6.408	-41.947	1.00	51.5302	9.8	44I	+3.514	-22.127	-5	...	...	50I	+11.327	-2.461	-2	50.5318	10.3
...	6.272	-38.077	-3	...	...	...	3.686	-57.867	-5	...	...	...	11.424	+5.539	-5	m	...
...	5.715	-34.079	-3	...	...	...	3.733	-23.573	-5	...	...	...	11.433	-48.081	-3	...	...
...	5.529	+37.145	-5	B	...	...	4.090	+57.539	-5	...	...	...	11.596	-7.211	-5	...	...
...	5.431	+37.702	-5	...	...	...	4.104	+13.896	-4	...	...	...	11.726	+45.608	-5	...	...
...	-5.303	+56.779	-3	49.5296	10.1	...	+4.216	+51.805	-3	...	...	...	+11.773	-8.358	0.85	51.5332	10.0
*	5.266	+58.173	1.05	49.5297	9.6	n	4.440	-39.199	0.85	51.5313	9.6	...	12.231	+48.717	-3	50.5319	10.3
*	5.225	+4.162	1.00	50.5297	9.6	...	4.483	+30.209	0.85	50.5308	10.0	...	12.390	+29.320	-2	50.5320	10.1
...	4.630	+23.549	-5	B	...	*	4.533	-38.953	0.95	51.5314	9.6	...	12.402	-34.010	-3	...	...
...	4.549	+43.770	-4	...	...	n	4.533	-39.150	-2	51.5313	9.6	...	12.452	-30.396	-5	...	...
39I	-4.347	+36.966	-5	B	...	45I	+4.583	-36.542	0.95	51.5315	10.0	51I	+12.617	+3.547	-5	m	...
...	4.257	-42.813	0.90	51.5303	10.0	...	4.612	-31.278	-5	...	...	...	12.676	-34.174	-5	...	...
...	4.201	+27.915	-5	B	...	...	4.765	-17.009	0.85	51.5316	10.1	...	12.678	+13.656	-3	50.5322	10.3
*	4.150	+27.431	0.95	50.5298	9.6	...	4.841	-46.643	-3	...	...	*	12.798	+44.422	1.05	50.5321	9.4
...	3.899	+0.046	-3	a	...	...	4.877	-17.290	-5	...	...	†	12.952	-4.876	-5	...	...
...	-3.559	-56.591	-5	...	...	...	+4.889	-21.841	0.90	51.5317	9.6	...	+12.958	+34.687	0.65	50.5323	10.0
*	3.328	-49.101	1.40	51.5304	8.9	...	5.179	-43.635	-5	...	...	*	13.011	+4.286	1.10	50.5324	9.4
†	3.326	-39.805	-5	...	...	...	5.314	-16.369	-3	...	...	*	13.076	-57.482	1.00	51.5334	9.7
...	3.307	-36.073	-3	...	...	...	5.373	+33.693	-4	50.5310	10.3	...	13.209	-30.649	-3	51.5335	10.3
...	3.230	+40.248	-4	...	...	*	5.393	-40.491	1.05	51.5318	9.4	...	13.222	+4.681	-4	50.5325	10.3
40I	-3.208	+53.366	0.95	49.5304	9.8	46I	+5.430	+58.308	-5	...	...	52I	+13.320	+35.991	1.00	50.5326	9.4
...	3.166	-57.414	-5	...	...	...	5.431	+35.363	0.80	50.5309	10.1	...	13.443	-19.024	-4	...	...
...	3.016	-58.412	-4	...	...	...	5.573	-13.856	-5	...	...	...	13.505	-38.736	0.90	51.5336	9.8
...	2.591	+27.145	-3	50.5299	10.3	...	5.620	-38.895	-3	...	...	*	13.765	+25.938	1.00	50.5327	9.4
...	2.558	+13.122	-4	Bm	...	...	5.730	+46.492	1.25	50.5311	9.2	...	13.765	-22.073	0.95	51.5337	10.0
*	-2.549	+55.896	1.30	49.5306	9.0	S *	+5.796	+53.845	2.00	49.5316	8.3	...	+14.124	+10.559	0.95	50.5328	9.6
...	2.030	+46.320	-5	...	...	*	6.070	+6.887	1.00	50.5312	9.6	...	14.256	+59.364	-4	...	...
*	2.007	-7.465	1.70	50.5300	8.5	†	6.126	-24.755	-2	51.5319	10.3	...	14.463	+18.753	-5	...	...
*	1.968	-51.839	1.40	51.5305	8.6	S *	6.160	-51.981	2.10	51.5320	7.8	...	14.651	-5.381	0.65	50.5330	10.2
...	1.922	-38.545	-4	...	...	...	6.368	-35.218	-3	...	...	...	14.662	-32.705	-4	...	...
41I	-1.855	+26.428	-3	50.5301	10.3	47I	+6.378	+39.216	-5	...	...	53I	+14.794	-13.868	0.70	51.5340	10.1
...	1.665	-29.952	-5	...	...	...	6.459	-28.840	-2	51.5321	10.3	...	14.859	+18.340	-5	m	...
*	1.433	-38.801	0.95	51.5306	9.9	...	6.481	-48.737	-5	...	...	†	14.939	+45.648	-1	50.5329	9.8
...	1.173	-52.422	-5	...	...	...	6.849	-12.294	-3	...	...	†	15.031	+7.669	0.70	50.5331	10.0
...	1.065	-30.651	-2	51.5307	10.3	...	7.411	+43.794	-5	...	...	†	15.061	+13.582	1.20	50.5332	9.2
...	-0.775	+58.835	-1	49.5307	10.3	...	+7.495	-53.718	1.00	51.5322	10.0	...	+15.080	-12.601	-2	51.5341	10.3
...	0.717	+41.652	0.75	50.5302	10.1	...	7.501	+45.939	-4	...	...	...	15.131	-43.902	-3	...	...
...	0.512	+22.721	0.90	50.5303	10.0	...	7.543	+50.384	-3	50.5313	10.2	...	15.137	+48.525	-4	...	...
...	0.373	+51.490	-5	...	...	*	7.729	-56.680	1.00	51.5323	9.7	S *	15.320	+4.183	1.10	50.5333	9.0
*	-0.202	-50.126	1.00	51.5308	9.4	*	8.112	+54.354	1.00	49.5320	9.6	...	15.374	+44.126	-3	...	...

447, 450. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
541-600						601-660						661-720					
54I	+15.774	+42.492	0.90	50.5334	9.7	60I	+24.794	-57.307	-3	51.5358	10.3	66I	+31.612	-10.239	-5	...	...
...	15.882	+42.090	-5	...	...	†	24.862	+0.847	-5	<i>m</i>	...	...	31.713	-35.538	0.70	51.5372	10.3
...	16.008	+7.661	0.70	50.5335	10.0	†	24.966	-5.646	-3	50.5347	10.1	...	31.990	-38.334	-3	...	...
...	16.245	+21.035	-5	<i>m</i>	...	...	25.026	-35.327	-2	...	...	...	32.094	-8.028	-4	...	...
...	16.770	+25.822	-5	<i>m</i>	...	...	25.060	-21.776	0.90	51.5359	9.8	...	32.211	+6.898	-5	<i>m</i>	...
...	+16.914	-5.985	0.70	50.5336	10.3	†	+25.125	-39.786	-2	51.5360	10.3	...	+32.315	+0.277	-5	<i>m</i>	...
...	17.049	-41.738	-2	...	...	*	25.134	-45.164	1.00	51.5361	9.4	...	32.461	-35.572	-5	...	...
*	17.977	+42.519	1.35	50.5337	8.9	...	25.145	+19.506	-5	...	...	...	32.549	-7.798	-5	<i>p</i>	...
...	18.166	+31.158	-2	50.5338	10.3	...	25.277	+12.479	-2	50.5349	10.3	...	32.551	-15.987	-5	<i>p</i>	...
*	18.474	+37.717	1.00	50.5339	9.6	...	25.296	+35.599	-3	...	...	*	32.577	+43.750	1.00	50.5355	9.6
55I	+18.850	+1.645	-5	<i>m</i>	...	61I	+25.304	+20.403	1.00	50.5348	9.8	67I	+32.838	-10.966	1.00	51.5374	9.6
...	18.864	+59.971	-4	...	...	*	25.442	-3.010	-5	<i>p</i>	...	...	32.867	-16.751	-3	...	...
†	18.981	+4.703	-3	50.5341	10.3	...	25.747	+37.176	-5	...	...	...	32.911	+35.148	0.70	50.5356	10.1
...	19.017	+25.647	0.70	50.5340	10.1	...	25.806	-26.021	-5	...	...	...	33.159	+44.739	-5	<i>a</i>	...
...	19.131	-6.634	-4	...	...	...	25.991	+24.082	-5	...	...	...	33.305	+46.971	1.00	50.5357	9.6
...	+19.326	-20.639	0.75	51.5344	10.2	...	+26.244	+4.415	-2	...	...	...	+33.382	-40.279	-1	...	...
...	19.662	+53.828	0.70	49.5333	10.2	...	26.394	-15.598	-5	...	...	...	33.414	-21.005	-5	...	...
...	19.782	+4.717	-4	...	...	...	26.462	+37.064	-1	...	...	...	33.434	-32.466	-1	...	...
†	20.046	-42.465	1.00	51.5345	9.6	*	26.491	+43.351	1.05	50.5350	9.4	*	33.516	+1.075	1.15	50.5358	9.0
+	20.056	+1.939	-1	50.5343	10.1	...	26.602	+59.198	-3	49.5342	10.3	...	33.516	-55.855	-3	...	...
56I	+20.182	+32.150	0.70	50.5342	10.3	62I	+26.821	+39.798	-3	50.5351	10.3	68I	+33.764	-50.064	-5	...	...
...	20.182	+17.431	-4	...	...	...	26.873	+11.782	-5	<i>b</i>	...	...	33.938	-27.194	-3	...	...
...	20.501	-58.600	-5	...	...	...	26.987	+11.774	-4	<i>a</i>	...	...	34.254	+47.059	-5	...	...
*	20.771	-6.209	1.00	50.5345	9.4	*	27.194	-12.649	0.95	51.5362	9.8	...	34.445	-45.065	-5	...	...
...	20.801	-17.173	0.70	51.5346	10.1	*	27.535	-10.136	1.00	51.5363	9.6	...	34.509	+34.012	0.75	50.5359	9.8
...	+20.812	+37.085	-5	...	...	...	+27.592	-29.963	0.80	51.5365	10.1	...	+34.533	+9.261	-4	...	...
...	20.872	+15.497	-5	...	...	†	27.701	+55.042	-5	...	...	...	34.741	-22.792	0.90	51.5375	10.0
...	21.095	-28.194	0.70	51.5347	10.3	...	27.781	-15.236	0.70	51.5364	10.2	*	35.199	+35.721	1.00	50.5360	9.4
...	21.098	-36.806	-4	...	...	...	27.838	-38.134	-3	...	...	...	35.201	+52.843	-5	...	...
...	21.119	+40.507	0.80	50.5344	10.2	...	27.861	-28.268	-3	...	...	S *	35.247	-14.670	1.80	51.5378	8.5
57I	+21.295	-41.774	-3	...	...	63I	+27.978	-31.225	-3	...	...	69I	+35.345	-3.821	-2	...	...
...	21.297	-21.826	0.75	51.5348	10.1	...	28.119	+19.529	-5	...	...	*	35.447	+9.598	1.00	50.5361	9.8
...	21.469	-54.601	-5	...	...	...	28.472	+10.038	-5	<i>m</i>	...	...	35.533	-38.479	-5	...	...
...	21.530	+36.883	-5	...	...	...	28.614	+46.909	-2	50.5352	10.3	...	35.734	+30.421	-5	<i>b</i>	...
...	21.659	+24.467	-5	...	...	...	28.734	-6.740	0.70	50.5353	10.3	...	35.754	+11.771	-5	<i>m</i>	...
*	+21.786	-57.767	1.30	51.5350	9.0	...	+28.880	-10.479	-4	...	...	...	+36.008	+13.839	-5	...	...
...	21.975	-18.911	0.75	51.5349	10.0	...	29.060	-57.230	-3	51.5369	10.3	...	36.330	+55.352	-5	...	...
...	22.048	-28.374	-5	...	...	...	29.075	-31.011	-5	<i>p</i>	...	...	36.510	-4.120	0.75	50.5363	10.2
*	22.118	-36.262	1.00	51.5351	9.6	...	29.087	-25.716	0.70	51.5367	10.1	...	36.618	-42.327	-5	<i>p</i>	...
...	22.174	+30.251	-3	...	...	...	29.135	-28.939	-5	...	...	*	36.683	+30.918	1.00	50.5362	9.6
58I	+22.280	-5.721	-5	<i>p</i>	...	64I	+29.189	-32.450	0.75	51.5370	10.3	70I	+36.782	-51.372	-2	51.5379	10.2
...	22.426	+24.740	-4	...	...	...	29.514	+12.329	-3	...	...	*	36.810	+0.370	1.10	50.5364	9.4
...	22.441	-23.395	-5	...	...	...	29.598	+3.428	-3	...	...	...	37.099	-57.635	-5	...	...
...	22.477	+45.242	-3	...	...	...	29.607	-8.328	0.70	...	...	†	37.297	-49.660	1.20	51.5380	9.0
...	22.630	-29.925	0.90	51.5352	9.7	...	29.643	+54.003	-2	49.5348	10.2	...	37.302	+0.847	-3	<i>a</i>	...
...	+22.943	-41.917	-3	51.5355	10.3	...	+29.792	-25.382	-5	...	...	...	+37.519	+3.694	-5	<i>b</i>	...
...	23.030	-41.855	-5	...	...	†	29.883	+49.239	-5	...	...	...	37.556	-53.118	-1	51.5381	10.1
*	23.069	-16.712	0.95	51.5354	9.7	...	30.092	+26.985	-5	<i>b</i>	...	†	37.584	+50.049	-3	50.5365	10.2
...	23.325	-27.215	0.70	51.5356	10.1	...	30.226	-11.351	-5	...	...	...	37.768	-58.766	-5	<i>p</i>	...
...	23.706	+11.631	0.85	50.5346	9.7	...	30.312	+8.737	-4	...	...	*	38.239	-42.794	1.25	51.5383	9.0
59I	+23.783	-43.408	-3	...	...	65I	+30.558	-32.660	-3	...	...	71I	+38.269	-30.031	0.90	51.5382	9.8
...	23.822	-53.733	-5	<i>p</i>	...	...	30.565	-49.559	-1	51.5371	10.3	...	38.363	-3.524	-5	...	...
...	23.883	-53.370	-5	...	...	...	30.686	+9.187	-3	...	...	*	38.369	+55.332	1.40	49.5356	9.0
*	23.975	+53.764	1.15	49.5338	9.3	...	30.751	+41.066	-4	...	...	...	38.381	+32.851	-5	<i>b</i>	...
...	24.098	-14.720	-2	51.5357	10.3	...	30.911	-8.594	-4	...	...	*	38.381	-45.969	1.00	51.5385	9.6
...	+24.123	+37.964	-4	...	...	...	+30.976	+7.927	-5	<i>m</i>	...	...	+38.810	+35.480	0.65	50.5366	10.2
...	24.153	+31.773	-5	...	...	...	31.009	-51.455	-4	...	...	...	38.892	-3.346	-1	...	...
...	24.466	-53.235	-5	...	...	...	31.082	+20.172	-3	...	...	...	39.049	+37.275	-3	50.5367	10.3
...	24.606	-35.175	-5	...	...	*	31.152	+19.898	2.00	50.5354	8.3	...	39.211	+20.719	0.70	50.5368	10.3
...	24.652	-19.909	-5	<i>p</i>	...	...	31.169	-20.653	-3	...	...	...	39.684	-4.006	0.95	50.5369	10.0

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
721-760						761-800						801-829					
72I	+39.760	+11.044	-5	m	...	76I	+47.487	-31.626	-5	p	...	80I	+53.399	-43.778	1.35	51.5402	9.0
...	39.809	-45.823	0.95	51.5387	9.6	...	47.510	-36.690	-2	51.5395	10.3	Se *	54.106	+51.936	0.95	49.5375	9.8
...	40.074	+1.632	-5	m	...	...	47.668	-56.603	-2	51.5396	10.2	...	54.221	+46.581	0.90	50.5390	9.7
...	40.580	-43.339	-5	...	...	...	48.005	-17.579	-5	...	...	...	54.295	+30.218	0.70	50.5391	10.2
*	40.666	-54.144	1.60	51.5390	9.0	...	48.134	-35.225	-5	...	...	e	54.454	-26.841	-3	51.5403	10.3
...	+40.756	-3.007	0.90	50.5370	10.0	...	+48.194	-10.613	-5	...	...	...	+54.461	-23.512	-4	...	...
...	40.765	-25.528	0.75	51.5388	10.2	...	48.212	+6.986	-4	...	...	...	55.006	+33.498	-4	...	...
...	40.779	-29.576	0.90	51.5389	10.1	...	48.331	-38.529	-3	...	...	*	55.190	+10.306	0.90	50.5392	10.0
...	40.979	+3.019	-5	m	...	...	48.719	+8.759	-5	b	...	e	55.593	-51.818	0.80	51.5405	9.8
...	41.670	-59.014	-5	p	...	...	48.727	+16.589	0.90	50.5382	10.1	...	55.869	+17.855	-3	...	...
73I	+41.797	-13.293	-5	...	...	77I	+48.796	-1.996	0.70	50.5383	10.3	81I	+55.925	-2.555	-5	...	...
...	41.852	-38.422	-5	...	...	...	48.875	-20.144	-5	...	...	*	55.941	+25.690	1.40	50.5393	9.0
...	42.032	+36.711	0.90	50.5371	10.0	...	48.936	+10.512	0.70	...	...	†	56.101	-29.818	-5	e	...
...	42.109	+13.504	0.85	50.5372	10.0	...	49.091	-1.880	-4	...	...	e	56.776	-42.729	0.90	51.5407	10.0
*	42.558	+39.913	1.05	50.5373	9.2	...	49.249	+17.123	-2	50.5384	10.3	e *	56.884	-32.596	1.00	51.5406	9.7
...	+42.656	+6.002	-2	...	...	...	+49.332	+40.396	-5	...	...	e	+56.918	-50.039	-1	51.5408	10.0
...	42.711	+20.524	0.75	50.5374	10.2	...	49.384	-21.662	-3	...	...	...	57.023	+39.695	-5	...	...
...	42.993	-29.672	-5	p	...	...	49.580	+15.008	0.90	50.5385	10.1	...	57.267	-5.089	-5	p	...
*	43.275	+12.355	0.85	50.5375	10.0	...	49.597	-39.834	-4	...	...	...	57.378	+40.993	-5	...	...
...	43.280	+5.233	-3	...	...	...	49.783	-40.955	1.00	51.5397	10.0	e	57.580	-49.572	0.95	51.5409	9.7
74I	+43.358	-33.770	1.00	51.5392	9.6	78I	+49.922	+25.789	1.00	50.5386	9.7	82I	+57.862	+13.267	0.90	50.5394	10.0
*	43.359	+29.425	-4	...	...	...	50.188	+20.315	-5	b	...	...	57.906	-21.591	-5	...	...
...	44.002	-35.227	-3	...	...	...	50.548	+44.435	-5	...	...	...	58.023	-45.565	-3	e	...
*	44.261	-2.365	1.05	50.5377	9.4	...	50.999	-22.346	-4	...	...	e	58.292	-44.892	0.80	51.5410	10.1
...	44.517	+48.847	-5	...	...	e *	51.337	-56.535	1.35	51.5398	9.2	...	58.594	+8.205	-5	...	...
...	+44.603	-51.824	-5	...	...	...	+51.613	+18.067	0.70	50.5387	10.3	e *	+58.806	-47.194	1.50	51.5411	9.0
...	44.768	-54.129	-3	51.5393	10.3	e	51.790	-42.576	0.80	51.5399	10.0	...	59.375	+38.767	-2	50.5395	10.2
...	44.823	+34.348	1.00	50.5378	9.6	e	51.811	-54.992	-5	51.5400	10.3	†	59.556	+10.151	0.70	50.5396	10.3
...	44.883	+18.877	-5	...	...	...	51.850	+42.148	-5	...	...	...	59.570	-47.536	-5	...	...
...	44.961	+51.191	1.00	50.5376	9.6	...	52.544	-35.383	-5	p	...	...	...	...	...	...	...
75I	+45.229	-51.487	-5	...	...	79I	+52.594	+23.144	-3	...	...	...	...	...	...	...	...
...	45.250	+3.008	0.70	...	...	...	52.630	+6.933	-1	50.5389	10.3	...	...	...	...	...	...
...	45.277	+25.943	-5	...	...	...	52.692	+14.289	-4	...	...	...	...	...	...	...	...
...	45.531	+20.597	0.65	50.5379	10.3	...	52.755	+51.481	-1	49.5371	10.2	...	...	...	...	...	...
...	45.858	-48.295	-2	51.5394	10.1	...	52.761	+27.793	-5	b	...	...	...	...	...	...	...
S *	+46.239	+35.512	1.00	50.5380	9.4	...	+52.765	+14.383	-5	...	...	...	...	...	...	...	...
...	46.493	+53.631	-4	...	...	...	52.886	+59.728	-5	b	...	...	...	...	...	...	...
...	47.147	+21.770	-5	...	...	...	52.907	+32.842	-5	...	...	...	...	...	...	...	...
...	47.190	+33.599	-5	50.5381	10.3	...	52.921	+28.608	-5	...	...	...	...	...	...	...	...
...	47.299	+14.309	-5	...	...	...	52.943	+38.232	-3	50.5388	10.3	...	...	...	...	...	...

1-10						11-20						21-30					
I	-59.779	-42.735	-3	51.5399	10.0	II	-55.625	-51.818	1.00	51.5405	9.8	21I	-53.224	-44.775	-2	51.5410	10.1
E	59.681	-56.703	1.45	51.5398	9.2	...	55.509	+38.840	-3	50.5395	10.2	E	53.006	+7.358	-3	...	...
E *	59.261	-55.130	-5	51.5400	10.3	...	55.121	-32.562	1.00	51.5406	9.7	...	52.826	+21.998	1.00	50.5397	9.6
...	58.537	+10.230	1.00	50.5392	10.0	E †	54.796	-42.680	1.00	51.5407	10.0	*	52.767	+53.455	-2	49.5389	10.3
...	58.405	+25.624	2.00	50.5393	9.0	...	54.655	-55.319	-5	...	...	E *	52.590	-47.064	1.90	51.5411	9.0
...	-58.150	+17.800	-4	...	...	...	-54.359	-49.987	0.95	51.5408	10.0	...	-51.900	+26.429	-3	...	...
SE *	58.137	-43.874	1.60	51.5402	9.0	...	54.188	+10.256	0.85	50.5396	10.3	...	51.720	+7.051	-2	...	...
E	57.755	-26.897	-3	51.5403	10.3	E	53.721	-49.484	1.00	51.5409	9.7	...	51.594	-12.370	-1	51.5413	10.0
...	56.002	-29.822	-5	E	...	...	53.662	-39.093	-5	...	...	...	51.557	-8.090	0.95	50.5398	10.0
...	55.993	+13.299	1.00	50.5394	10.0	...	53.459	-45.453	-4	E	...	*	51.470	-27.222	1.00	51.5412	9.6

L measured from I, 138, 255, 373.
C " " 62, 200, 317, 451.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
31-90						91-150						151-210					
3I	-51°256	-18°194	-4	...	...	9I	-38°505	-47°371	0.75	51.5438	10.3	15I	-26°166	+13°043	-4	50.5444	10.3
...	51°109	-54°600	-4	...	...	...	38°444	+56°459	-5	...	...	...	26°117	+21°586	-3	50.5445	10.3
...	50°947	-2°975	-2	50.5399	10.3	...	37°642	+28°741	-4	...	...	...	25°962	-7°781	-3	50.5443	10.3
...	50°941	+44°157	-1	50.5400	10.2	...	37°526	+23°615	0.70	50.5420	10.2	...	25°957	-6°540	-5	...	...
...	50°678	-26°600	1.00	51.5415	9.8	...	37°206	+31°114	-2	50.5421	10.2	...	25°807	+59°612	-1	49.5430	10.2
...	-50°543	+26°458	-4	...	...	S *	-37°034	+1°659	1.65	50.5422	9.2	†	-25°765	+44°797	-2	...	...
...	50°395	-56°502	-4	51.5414	10.3	...	36°893	-40°637	-1	...	...	...	25°728	+47°019	-3	...	...
...	50°330	-24°780	-2	...	...	...	36°877	-58°220	0.75	51.5439	10.3	†	25°174	-13°179	-3	51.5458	9.8
...	50°324	-38°377	0.95	51.5416	10.1	...	36°747	+53°669	-4	...	...	*	25°010	-18°666	1.30	51.5460	9.2
...	50°279	+52°279	-5	...	...	...	36°688	-59°440	0.90	51.5441	10.1	...	24°919	+20°819	-5	...	...
4I	-50°127	+7°478	-3	...	...	10I	-36°668	+18°255	-5	...	...	16I	-24°591	+26°503	1.05	50.5446	9.4
†	49°541	-49°872	1.00	51.5417	9.7	*	36°164	+56°727	1.50	49.5414	9.3	...	24°452	+21°333	-5	...	...
...	49°531	+7°395	-2	50.5401	10.3	...	36°040	+20°438	0.75	50.5424	10.2	...	24°446	+47°792	-5	...	...
*	49°511	-35°313	2.10	51.5418	8.4	...	36°007	-52°714	0.80	51.5442	10.1	*	24°375	-15°546	1.60	51.5461	9.3
*	49°371	-24°423	2.00	51.5420	8.9	...	35°941	-57°956	-1	...	...	...	24°264	-20°076	-4	...	...
...	-49°267	+29°501	0.85	50.5402	10.2	*	-35°735	+25°052	1.00	50.5425	9.6	†	-24°167	-34°961	1.30	51.5462	9.2
...	48°981	-27°776	-5	...	...	...	35°734	-3°815	0.70	50.5423	10.1	S *	24°062	-27°188	1.30	51.5463	9.2
...	48°644	-53°494	1.10	51.5421	9.6	...	35°602	-7°190	-1	...	...	...	23°912	-38°128	1.00	51.5464	10.0
...	48°297	-46°133	0.95	51.5423	10.3	*	35°525	+29°999	1.15	50.5426	9.3	...	23°656	-43°343	1.00	51.5465	10.1
...	48°200	-58°613	-2	51.5422	10.1	...	35°443	-38°991	0.75	51.5443	10.0	...	23°567	-56°651	-5	...	...
5I	-48°040	-16°046	1.80	51.5425	9.0	III	-35°081	-46°135	-4	...	...	17I	-23°335	+1°958	1.05	50.5447	9.6
...	47°981	+42°665	1.00	50.5403	9.7	†	35°058	-22°200	0.70	51.5444	10.1	...	23°191	-36°572	-3	51.5466	10.2
...	47°706	+50°202	-2	50.5404	10.1	...	34°966	-40°379	-4	...	...	*	23°088	-17°563	2.60	51.5467	8.6
*	47°259	+35°541	1.80	50.5405	9.0	*	34°780	+24°007	1.35	50.5428	9.2	...	22°596	-47°752	1.00	51.5468	9.7
...	46°937	-51°049	-3	...	...	...	34°747	+1°945	0.95	50.5427	9.6	...	22°385	+15°555	-2	50.5448	10.1
...	-46°902	+15°571	-3	50.5406	10.3	...	-34°687	+34°017	-5	...	...	...	-22°171	+19°036	-5	...	...
...	46°077	-43°246	-5	...	...	...	33°655	+24°674	-4	...	...	*	22°091	-39°771	1.00	51.5470	9.7
...	45°686	+25°916	-4	...	...	...	33°630	-54°667	-4	...	...	...	21°886	-21°512	1.00	51.5471	9.8
...	45°197	-14°590	1.00	51.5428	10.0	...	33°506	+8°873	-2	50.5429	10.2	S *	21°057	+27°021	1.85	50.5449	8.9
...	45°191	-56°698	-3	51.5426	10.1	†	33°433	+24°901	1.50	50.5430	8.9	...	20°778	+6°948	1.05	50.5450	9.6
6I	-45°085	-40°427	-3	51.5427	10.3	12I	-33°357	+34°438	-5	...	...	18I	-20°688	+51°944	-3	...	...
†	45°081	-2°272	-3	50.5408	10.3	...	33°335	+33°977	-3	...	...	...	20°578	-45°195	-1	51.5472	10.3
†	45°074	-5°738	1.00	50.5407	10.0	...	33°298	-40°026	1.00	51.5446	9.7	†	20°066	-46°296	0.95	51.5473	10.1
S *	44°821	+43°572	2.30	50.5409	8.4	...	33°199	+48°729	-4	...	...	...	19°564	+14°243	1.00	50.5451	9.6
...	44°680	-11°769	0.95	51.5429	10.0	...	33°142	-59°557	1.00	51.5445	9.8	...	18°947	-54°000	-4	...	...
*	-44°393	+28°037	1.20	50.5410	9.6	...	-32°913	-38°212	-3	...	...	...	-18°704	-19°550	-3	51.5474	10.3
...	44°325	-8°120	-4	...	...	...	32°524	+50°791	0.70	50.5431	10.2	...	17°856	-32°862	1.00	51.5476	9.7
...	44°287	-43°506	-4	...	...	...	32°472	-56°335	-5	...	...	...	17°739	-53°820	-3	51.5475	10.3
...	44°017	+32°312	0.90	50.5412	10.0	*	32°139	+51°310	1.40	50.5432	9.4	*	17°342	-9°858	1.80	51.5477	8.8
...	43°930	-30°680	1.35	51.5431	9.0	...	32°017	-46°237	-1	51.5449	10.3	...	16°802	-25°537	-4	51.5478	10.1
7I	-43°898	-42°592	1.00	51.5430	10.0	13I	-31°900	+42°468	1.00	50.5433	9.8	19I	-16°733	-12°184	1.00	51.5479	9.5
...	43°731	-7°780	-3	...	...	...	31°820	-17°252	0.65	51.5450	10.2	...	16°519	+33°719	1.00	50.5452	9.8
...	43°683	+10°755	0.70	50.5411	10.2	...	30°595	-30°980	0.95	51.5452	9.7	*	16°254	+5°774	1.90	50.5453	9.0
...	43°394	+53°081	-4	...	...	...	30°455	-34°640	-4	...	...	*	16°149	+20°787	1.05	50.5454	9.6
...	43°260	+47°573	0.90	50.5413	10.0	...	30°430	+21°305	1.00	50.5435	9.8	...	16°082	+44°201	-5	...	...
...	-42°591	-30°789	-1	51.5433	10.2	†	-30°184	-14°131	1.20	51.5454	9.4	...	-15°822	+12°732	1.15	50.5455	9.4
...	41°090	-5°638	-2	50.5414	10.3	†	30°122	-7°973	-4	50.5434	10.3	...	15°609	-46°917	-5	...	...
...	41°089	+53°128	0.70	49.5406	10.3	...	29°969	-46°260	0.75	51.5453	10.0	...	15°565	+6°831	-1	50.5456	10.0
...	41°088	+37°692	0.65	50.5415	10.2	...	29°384	+9°180	0.75	50.5436	10.1	*	15°545	-51°883	1.25	51.5480	9.3
...	40°930	+54°632	0.65	49.5407	10.3	...	29°030	+20°088	-1	50.5437	10.2	...	14°941	+58°301	-4	...	...
8I	-40°690	+38°307	1.00	50.5416	9.8	14I	-28°886	-52°433	-3	...	...	20I	-14°837	+59°565	1.00	49.5446	9.8
...	40°399	+17°644	-5	...	...	...	28°368	-58°041	1.00	51.5456	10.0	...	14°763	+40°619	1.00	50.5457	9.7
†	39°974	+34°258	1.60	50.5418	8.8	...	28°333	-6°424	-1	50.5438	10.0	...	14°384	+33°494	-5	...	...
...	39°660	+6°647	0.65	50.5417	10.2	...	27°182	+1°442	-5	50.5439	10.2	*	12°990	+39°196	1.15	50.5458	9.4
...	39°368	+40°096	-5	...	...	...	27°037	-12°198	1.00	51.5457	9.6	...	12°709	-17°228	-5	...	...
...	-39°303	-44°623	0.65	51.5435	10.1	...	-27°032	+20°976	-1	50.5440	10.1	*	-12°673	+40°763	1.35	50.5459	9.0
...	39°164	-1°405	0.70	50.5419	10.0	...	26°730	+55°356	-4	...	...	...	12°671	-9°197	-4	51.5481	10.3
...	38°768	-59°481	-3	51.5436	10.2	...	26°545	+13°296	-4	50.5442	10.3	...	12°621	+58°089	-5	...	...
...	38°685	+59°338	-3	49.5408	10.3	...	26°448	+9°236	1.05	50.5441	9.6	...	12°610	+24°534	-1	50.5460	10.3
...	38°529	-24°846	-3	...	...	...	26°194	+15°239	-4	...	...	...	12°417	-31°567	0.80	51.5482	10.0

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
211-270						271-330						331-390					
21I	-11'900	-48'046	-2	51.5483	10.3	27I	+5'108	+43'733	-2	50.5479	10.3	33I	+18'671	+29'237	-3	50.5494	10.3
...	11'724	-23'199	0.90	51.5484	9.8	†	5'272	+49'760	-3	...	...	...	19'259	-38'687	-5	...	...
*	10'511	-44'094	1.70	51.5485	9.0	...	5'394	-31'431	-4	51.5504	10.2	†	19'623	-54'839	1.00	51.5531	9.7
...	10'432	-28'328	0.85	51.5486	10.1	*	5'522	-22'940	1.30	51.5505	9.3	...	20'064	-46'331	-2	51.5532	10.3
...	10'341	+35'604	-4	50.5461	10.2	...	5'535	-10'250	1.10	51.5506	9.6	...	20'104	+3'804	-3	50.5495	10.2
...	-10'039	-22'386	-4	...	...	...	+5'892	+28'938	-5	...	...	...	+20'153	-38'145	0.70	51.5533	10.3
...	9'064	-46'851	-5	...	...	†	6'133	-54'914	-5	...	...	S *	20'218	+9'088	3.65	50.5496	7.7
...	8'993	-28'342	-1	51.5487	10.0	...	6'508	+58'428	1.00	49.5464	10.2	...	20'818	-42'235	-5	...	...
...	8'743	+8'189	-5	50.5462	10.3	...	6'576	+50'641	0.90	50.5480	10.2	S *	20'896	+41'906	1.30	50.5497	9.2
...	8'587	-39'378	-5	...	...	...	7'165	-26'390	-4	51.5507	10.3	...	21'164	-38'612	1.05	51.5534	9.7
22I	...	...	...	...	...	28I	...	...	...	...	...	34I	...	...	...	...	...
...	-8'579	-44'627	-3	...	...	...	+7'210	+33'220	-5	...	...	†	+21'191	-15'024	-5	...	...
...	8'527	-42'457	-4	...	...	*	7'222	+7'135	1.30	50.5481	9.4	...	21'450	-25'129	-4	51.5535	10.3
*	8'179	-29'718	1.05	51.5488	9.6	...	7'343	+21'190	-5	...	...	...	21'451	+50'111	-4	...	...
...	7'567	-25'213	-5	51.5489	10.3	...	7'634	+56'967	0.95	49.5468	10.2	*	21'503	+35'856	1.30	50.5498	9.3
...	7'491	+51'848	1.00	50.5463	10.0	...	7'863	-13'974	-5	...	...	...	21'704	+30'273	1.00	50.5499	9.6
...	-7'227	-4'608	-5	...	...	...	+8'035	-39'173	-5	...	...	...	+21'893	-34'806	-5	...	...
...	6'546	+44'387	-5	...	...	...	8'445	+30'811	1.00	50.5482	9.6	...	21'960	-23'413	-5	...	...
...	6'533	-0'328	0.65	50.5464	10.2	†	8'480	-10'007	-5	51.5509	10.3	...	22'002	+6'469	-5	...	...
*	6'470	+20'447	1.90	50.5465	8.8	...	8'746	+22'465	1.00	50.5483	10.0	...	22'528	+1'910	-5	50.5500	10.3
...	6'397	+42'879	0.70	50.5466	10.2	...	8'779	+4'552	-5	...	...	...	22'755	-48'549	1.00	51.5536	10.1
23I	...	...	...	...	...	29I	...	...	...	...	...	35I	...	...	...	...	...
...	-6'174	+6'605	-3	50.5467	10.3	...	+9'368	-55'744	-5	...	...	...	+23'329	-18'457	-5	...	...
...	5'689	+54'759	-5	...	...	...	9'510	-31'368	-2	51.5510	10.3	†	24'679	+43'274	-5	...	...
...	5'560	+47'332	0.70	50.5468	10.0	†	9'783	+27'824	-5	...	...	...	25'456	-14'713	0.80	51.5537	10.0
...	5'423	+24'291	-5	...	...	*	10'316	-25'806	1.20	51.5511	9.6	*	25'851	+30'400	1.60	50.5501	8.8
S †	5'235	-53'449	1.45	51.5490	9.0	...	10'366	+43'620	-4	...	...	...	26'071	+7'679	-3	50.5502	10.2
...	-4'850	-50'648	-2	...	...	...	+10'560	-19'691	-2	51.5512	10.1	S *	+26'469	-41'467	3.10	51.5538	7.7
...	4'534	+12'617	-3	...	...	...	10'777	-34'677	-3	51.5513	10.3	...	26'807	-15'165	0.65	51.5539	10.2
...	4'404	-57'039	-3	...	...	...	11'833	-28'132	-3	51.5514	10.3	...	26'868	+24'023	1.00	50.5503	9.7
...	4'359	+20'843	1.05	50.5469	9.6	*	11'930	+9'215	1.50	50.5484	9.0	...	27'139	+0'483	-5	...	...
*	4'016	-53'704	1.20	51.5492	9.2	...	12'126	-39'210	1.00	51.5515	9.6	...	27'336	-34'620	-3	...	...
24I	...	...	...	...	...	30I	...	...	...	...	...	36I	...	...	...	...	...
...	-3'983	-50'089	-5	...	...	*	+12'137	+41'296	1.30	50.5485	9.4	...	+27'453	+9'442	1.05	50.5504	9.6
...	3'824	+49'346	0.80	50.5470	10.1	...	12'355	+34'591	-5	...	...	...	27'620	-7'251	-5	50.5505	10.2
*	3'583	+50'834	1.25	50.5471	9.4	...	12'437	-51'582	-5	...	...	...	27'640	-43'156	-5	...	...
...	3'227	-25'502	0.85	51.5493	10.0	...	12'772	-0'951	-5	...	...	...	27'800	-41'811	-4	...	...
...	3'049	+51'261	-5	...	...	...	12'899	+46'555	-4	...	...	*	27'868	-22'229	2.60	51.5540	8.3
...	-2'411	+11'358	-4	50.5472	10.3	...	+13'212	+25'719	1.00	50.5486	10.0	*	+28'317	-55'630	1.60	51.5541	8.7
...	2'180	-29'593	-3	51.5496	10.3	...	13'226	-41'253	0.95	51.5517	10.0	...	28'757	-38'770	-5	...	...
*	2'180	-34'373	1.50	51.5494	9.2	...	13'322	-7'177	1.00	50.5487	9.8	...	28'937	+1'797	1.05	50.5506	9.6
...	2'094	-54'442	-1	51.5495	10.3	*	13'348	-54'326	1.00	51.5518	9.6	...	28'968	+36'996	-5	...	...
...	1'600	-30'091	0.90	51.5497	10.0	...	13'427	+7'571	-4	50.5488	10.0	...	29'413	-10'368	0.70	51.5542	10.1
25I	...	...	...	...	...	31I	...	...	...	...	...	37I	...	...	...	...	...
...	-1'381	+21'358	-5	...	...	*	+13'549	-38'576	2.00	51.5519	8.6	...	+29'529	-24'031	-3	...	...
...	1'333	-11'567	-5	...	...	...	13'914	-45'774	-5	...	...	...	29'616	+14'450	-3	50.5507	10.2
†	0'846	-44'869	1.20	51.5498	9.0	...	13'980	+1'356	1.00	50.5489	10.0	...	29'952	-50'719	-1	51.5543	10.3
...	0'768	+40'646	-4	...	...	†	14'103	-19'911	1.00	51.5520	9.6	...	30'203	-49'118	-4	...	...
†	-0'120	-4'938	-5	50.5473	10.3	...	14'296	-3'527	-3	50.5490	10.3	...	30'322	+3'511	1.00	50.5508	9.7
...	+0'064	+39'508	-2	...	...	...	+14'383	+59'137	0.90	49.5478	10.2	...	+30'345	+57'705	-3	...	...
†	0'133	+29'900	-5	...	...	*	14'923	+7'081	2.50	50.5491	8.4	...	30'762	+2'240	0.95	50.5510	10.0
...	1'103	-21'677	-2	...	...	...	15'321	-47'676	-3	51.5521	10.3	...	30'882	+33'874	0.95	50.5509	10.2
...	1'168	-21'832	-2	51.5500	9.8	...	15'493	-47'447	-2	51.5523	10.3	*	30'908	-10'638	1.40	51.5544	9.4
...	1'347	+41'101	-3	50.5474	10.3	...	16'049	-52'737	-4	...	...	...	31'020	+11'830	0.95	50.5511	10.0
26I	...	...	...	...	...	32I	...	...	...	...	...	38I	...	...	...	...	...
...	+1'953	-24'344	-5	...	...	...	+16'168	-50'822	0.65	51.5526	10.1	...	+31'032	-55'055	-5	...	...
*	1'959	+6'157	1.50	50.5475	9.0	...	16'202	+56'396	-3	...	...	...	31'351	-37'682	-3	...	...
...	2'088	+33'946	1.00	50.5476	10.0	...	16'303	-21'752	0.80	51.5525	9.8	...	31'649	-35'585	-3	...	...
...	2'845	-29'798	0.90	51.5501	10.0	...	16'347	+50'553	-3	...	...	...	31'765	-45'986	-3	51.5547	10.3
...	3'283	-21'179	0.90	51.5502	10.0	...	16'746	+22'989	0.70	50.5492	10.3	...	31'791	-34'089	1.00	51.5546	10.0
...	+3'407	+26'546	-2	50.5477	10.3	...	+17'300	-37'187	1.00	51.5527	9.7	...	+31'827	-43'856	-2	51.5548	10.2
...	3'471	-55'231	-5	...	...	*	17'437	-19'256	1.10	51.5528	9.6	...	32'178	-23'322	-3	51.5549	10.2
...	3'623	+32'351	1.00	50.5478	10.0	...	17'503	-12'306	-4	51.5529	10.1	...	32'183	+0'823	-3	50.5513	10.3
...	4'301	-56'587	-3	...	...	...	18'260	-0'177	-5	50.5493	10.3	...	32'257	+31'707	-5	...	...
*	4'391	-34'354	1.25	51.5503	9.4	...	18'400	-46'187	0.95	51.5530	10.1	*	32'272	+32'048	1.00	50.5512	9.6

Notes.	Co-ordinates:		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
391-450						451-510						511-527					
39I	+32°288	-41°024	-5	...	...	45I	+45°301	-19°360	1°00	51.5575	9.8	51I	+56°985	+30°506	-5	...	...
...	32°965	+41°603	0°95	50.5514	10.0	...	45°327	+12°040	-4	...	...	e	57°025	-50°865	-3	51.5599	10.4
...	33°124	-39°508	1°00	51.5550	9.6	...	45°355	+8°102	0°70	50.5532	10.4	e	57°050	-54°082	-5	51.5600	10.4
...	33°544	-59°686	0°95	51.5551	10.1	...	45°378	+52°659	-2	49.5528	10.4	e	57°067	-22°026	1°00	51.5596	9.7
...	33°779	+5°840	1°00	50.5515	9.6	S *	45°908	+4°188	1°90	50.5533	8.8	e *	57°278	-34°086	1°20	51.5598	9.6
...	+33°819	+22°443	-3	...	...	...	+45°959	+55°677	-5	49.5529	10.4	...	+57°311	-49°578	-5	e	...
...	33°834	-2°695	-3	50.5516	10.3	...	46°385	-43°907	1°15	51.5576	9.4	...	57°443	+45°126	0°65	50.5553	10.3
...	33°917	+52°130	-1	49.5505	10.2	...	46°493	-43°923	1°15	...	...	e *	57°462	-20°831	1°20	51.5597	9.4
...	34°008	-34°281	-3	51.5552	10.3	...	46°671	+17°927	0°90	50.5534	10.3	e *	57°485	-44°605	2°50	51.5601	8.3
*	34°368	+14°206	2°00	50.5517	8.8	*	46°799	-59°639	3°10	51.5577	7.8	e	57°708	-57°830	-2	51.5603	10.4
40I	...	...	...	...	...	46I	...	...	...	...	...	52I	...	...	...	...	...
...	+34°381	-34°203	-4	...	...	...	+47°497	-48°966	1°00	51.5578	10.0	...	+57°739	-56°203	-5	e	...
*	34°856	-9°659	1°15	51.5553	9.6	...	47°848	-7°432	1°00	50.5537	10.0	...	57°752	+33°896	-4	50.5554	10.4
...	34°917	+2°327	-4	...	...	...	47°852	+36°756	0°80	50.5535	10.4	...	58°042	+8°197	-3	...	...
...	34°989	-58°186	1°00	51.5555	9.8	...	48°012	+33°353	0°85	50.5536	10.2	...	58°071	+14°329	-4	...	...
†	35°021	-29°992	-1	51.5554	10.2	*	48°022	-6°544	1°10	50.5538	9.7	...	58°817	-3°092	-4	e	...
...	+35°458	+22°453	-5	...	...	...	+48°101	+14°451	-5	...	...	...	+59°320	-17°981	-5	e	...
...	35°496	+37°412	1°00	50.5518	9.6	*	48°110	-22°096	1°20	51.5579	9.4	†	59°609	+54°676	-4	49.5548	10.2
...	35°967	+18°479	-3	50.5519	10.3	*	48°206	-21°345	1°10	51.5580	9.5	...	...	...	...	...	...
...	36°140	-3°512	-4	50.5520	10.2	*	48°651	-22°849	1°20	51.5581	9.4	...	...	...	...	...	...
...	36°599	+54°179	-4	49.5510	10.3	...	48°656	+22°557	-3	...	...	...	...	...	...	...	...
41I	...	...	...	...	...	47I	...	...	...	...	...	...	...	...	...	...	...
*	+37°060	+13°889	1°30	50.5521	9.2	...	+48°694	+6°774	-1	...	...	...	...	...	...	...	...
...	37°614	-13°748	-2	51.5557	10.4	...	48°755	-27°654	-3	...	...	...	...	...	...	...	...
...	37°634	+5°752	1°00	50.5522	10.0	...	48°969	+3°540	-4	...	...	...	...	...	...	...	...
...	37°855	-16°624	-4	51.5558	10.4	...	49°382	+1°560	-4	...	...	...	...	...	...	...	...
...	37°954	-12°670	0°80	51.5559	10.3	†	49°615	+43°495	0°95	50.5539	10.0	...	...	...	...	...	...
...	+37°978	+46°629	-5	b	...	*	+50°014	-24°709	1°25	51.5583	9.4	...	...	...	...	...	...
...	38°407	-38°619	1°00	51.5560	10.4	...	50°068	+4°888	-3	...	...	...	...	...	...	...	...
*	38°470	-35°331	2°00	51.5561	8.8	...	50°564	-1°130	0°80	50.5540	10.2	...	...	...	...	...	...
...	38°797	+56°940	-4	49.5517	10.3	...	51°012	-41°114	0°65	51.5586	10.4	...	...	...	...	...	...
...	38°810	-32°062	-3	...	...	*	51°271	+25°226	1°05	50.5541	9.8	...	...	...	...	...	...
42I	...	...	...	...	...	48I	...	...	...	...	...	...	...	...	...	...	...
...	+39°129	-34°792	-2	...	...	...	+51°292	-50°061	-5	...	...	...	...	...	...	...	...
...	39°169	+20°137	0°90	50.5523	10.1	n	51°382	-18°794	0°75	51.5587	10.3	...	...	...	...	...	...
...	39°492	-3°138	0°90	50.5525	10.2	...	51°497	+40°162	-5	b	...	...	...	...	...	...	...
†	39°638	+11°393	0°70	50.5524	10.2	...	51°594	+32°444	-4	...	...	...	...	...	...	...	...
†	39°655	-16°986	-1	51.5562	10.0	...	52°233	+28°427	1°00	50.5542	9.8	...	...	...	...	...	...
...	+39°772	-32°692	-5	51.5564	10.4	e	+52°252	-40°271	0°90	51.5589	10.0	...	...	...	...	...	...
...	39°929	+15°593	-5	...	...	...	52°469	+45°154	0°95	50.5543	10.0	...	...	...	...	...	...
*	40°120	+57°612	1°60	49.5520	9.4	e *	52°544	-24°509	1°00	51.5588	9.9	...	...	...	...	...	...
...	40°213	-0°514	-5	...	...	...	52°658	+56°287	1°15	49.5535	9.6	...	...	...	...	...	...
...	40°213	-9°183	-5	51.5565	10.4	e *	53°132	-43°634	1°40	51.5591	9.4	...	...	...	...	...	...
43I	...	...	...	...	...	49I	...	...	...	...	...	...	...	...	...	...	...
*	+40°271	+33°733	1°00	50.5526	9.7	...	+53°149	+55°265	-5	49.5536	10.4	...	...	...	...	...	...
...	40°698	-53°172	1°00	51.5566	10.0	e *	53°408	-11°770	1°00	51.5590	9.6	...	...	...	...	...	...
...	40°869	-26°400	-3	...	...	e	53°817	-2°399	0°75	50.5546	10.4	...	...	...	...	...	...
...	41°099	-48°968	1°00	51.5567	10.2	...	53°868	-30°073	-5	e	...	...	...	...	...	...	...
...	41°199	+1°126	0°75	50.5527	10.1	*	53°896	+20°994	1°05	50.5545	9.7	...	...	...	...	...	...
*	+41°531	-24°343	2°90	51.5568	8.5	*	+53°949	+59°526	2°00	49.5538	9.0	...	...	...	...	...	...
...	41°671	-47°205	-3	...	...	...	54°193	+38°220	1°00	50.5544	9.8	...	...	...	...	...	...
...	41°950	-52°811	1°05	51.5569	9.8	...	54°420	+16°769	-4	50.5547	10.4	...	...	...	...	...	...
*	42°156	+13°264	1°00	50.5529	9.7	e *	54°502	-14°608	1°00	51.5592	9.8	...	...	...	...	...	...
*	42°168	+29°997	1°25	50.5528	9.0	...	54°522	+53°535	-4	49.5540	10.4	...	...	...	...	...	...
44I	...	...	...	...	...	50I	...	...	...	...	...	...	...	...	...	...	...
*	+42°373	+55°022	1°60	49.5523	9.2	e	+55°271	-21°069	-2	51.5593	10.4	...	...	...	...	...	...
...	42°719	+56°176	-4	49.5524	10.4	*	55°522	+18°427	1°25	50.5548	9.2	...	...	...	...	...	...
...	43°122	-6°217	-5	...	...	...	55°817	+32°777	0°80	50.5550	10.2	...	...	...	...	...	...
...	43°290	-46°073	-3	51.5570	10.4	e	55°871	-18°434	0°65	51.5594	10.4	...	...	...	...	...	...
...	43°452	+9°168	1°00	50.5530	10.0	*	56°059	+45°470	1°80	50.5549	8.9	...	...	...	...	...	...
...	+43°543	+13°071	-5	...	...	...	+56°077	+27°834	-5	...	...	...	...	...	...	...	...
...	43°802	-9°735	-2	51.5571	10.4	...	56°451	+36°110	0°85	50.5551	10.2	...	...	...	...	...	...
...	44°080	-27°975	1°00	51.5572	10.2	...	56°501	-22°680	-5	e	...	...	...	...	...	...	...
...	44°316	-19°584	-4	...	...	e *	56°591	-18°340	1°30	51.5595	9.2	...	...	...	...	...	...
†	44°585	+1°305	1°25	50.5531	9.4	...	56°895	+30°474	-5	50.5552	10.4	...	...	...	...	...	...

482. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I						6I						I2I					
E	-59.777	-24.655	0.95	51.5588	9.9	...	-49.524	+59.641	0.90	49.5556	10.0	*	-38.733	+43.989	1.00	50.5578	9.7
...	59.597	+16.672	-3	50.5547	10.4	...	49.403	+12.839	-2	...	...	...	38.608	+29.204	0.70	50.5579	10.4
E *	59.440	-11.885	1.00	51.5590	9.6	...	48.991	-16.721	-5	...	...	...	38.230	-21.396	-4	...	...
E	59.426	-40.415	0.90	51.5589	10.0	...	48.880	+9.422	-2	50.5562	10.2	...	37.186	-51.278	-4	...	...
E	59.409	-2.498	0.70	50.5546	10.4	...	48.677	+46.288	0.85	50.5563	9.9	...	36.577	-40.935	-5	...	...
*	-59.110	+45.413	1.50	50.5549	8.9	...	-48.518	-52.232	-4	...	...	...	-36.518	+55.074	-5	M	...
...	58.841	+32.718	0.70	50.5550	10.2	*	48.431	-56.306	1.15	51.5606	9.4	...	36.337	+42.838	0.70	50.5580	10.3
...	58.645	+13.238	-5	B	...	...	48.280	-19.748	0.85	51.5610	10.2	*	36.335	-23.757	1.30	51.5627	8.8
*	58.533	+18.374	1.25	50.5548	9.2	*	48.200	-42.780	1.00	51.5608	9.8	...	36.149	+38.236	-5	...	...
E *	58.415	-43.739	1.10	51.5591	9.4	...	48.155	-29.171	-2	51.5609	10.4	*	36.121	-45.619	1.00	51.5626	9.4
II						7I						I3I					
...	-58.386	+27.787	-4	...	...	...	-48.125	-54.288	-1	51.5607	10.3	...	-35.844	+17.635	0.90	50.5581	10.4
...	58.332	+36.067	0.75	50.5551	10.2	...	48.049	-25.957	-2	51.5611	10.4	...	35.356	-40.655	-5	51.5628	10.4
...	58.232	-30.170	-5	E	...	...	47.973	-38.998	-4	...	...	†	35.016	-29.647	-5	...	...
E *	58.230	-14.678	1.00	51.5592	9.8	...	47.835	+51.554	0.85	50.5564	10.0	...	34.671	-39.089	0.70	51.5629	10.4
...	57.722	+45.126	-3	50.5553	10.3	...	47.371	-15.230	-5	...	...	...	34.155	-6.408	0.90	50.5582	9.8
...	-57.681	+30.449	-5	50.5552	10.4	...	-47.303	-25.570	-4	...	...	...	-33.751	+18.160	-4	...	...
...	57.592	+30.491	-5	...	...	...	47.157	+33.981	0.65	50.5566	10.3	*	32.888	-46.633	1.00	51.5631	9.6
...	57.396	+9.783	-5	B	...	...	46.990	-39.328	-5	p	...	...	32.882	-44.436	-5	p	...
E	57.188	-21.118	-3	51.5593	10.4	*	46.947	-56.890	1.40	51.5612	8.9	*	32.409	-52.201	1.25	51.5632	9.1
...	56.946	+33.917	-3	50.5554	10.4	...	46.835	+21.510	-3	...	...	...	31.684	+20.353	0.80	50.5583	10.2
2I						8I						I4I					
...	-56.840	-8.894	-5	...	...	...	-46.723	+1.329	0.90	50.5565	10.0	...	-31.467	-39.315	-5	...	...
E	56.693	-18.451	0.70	51.5594	10.4	...	46.700	-56.430	-5	...	...	...	31.423	+30.485	0.65	50.5584	10.4
...	56.647	-36.092	-5	p	...	*	46.133	+29.378	1.30	50.5567	9.0	*	31.354	+30.979	1.20	50.5585	9.0
...	56.024	+19.169	-5	...	...	...	46.105	-53.336	-2	51.5613	10.4	...	31.104	+20.414	-3	50.5586	10.4
E *	55.978	-18.324	1.10	51.5595	9.2	...	46.044	-52.424	-4	...	...	...	30.896	+53.541	-5	M	...
†	-55.928	+54.752	-3	49.5548	10.2	...	-45.766	-22.902	-5	p	...	*	-30.450	+7.315	1.70	50.5587	8.8
...	55.914	-22.673	-5	E	...	...	45.667	-39.008	-5	p	...	...	30.384	-10.489	-5	...	...
...	55.847	+14.367	-2	...	...	...	45.237	-44.802	-3	...	...	...	30.308	+49.174	0.95	50.5588	9.9
...	55.613	+8.249	0.70	...	...	...	45.225	-51.733	0.90	51.5614	10.0	...	29.998	-58.929	-5	...	...
E *	55.354	-21.993	0.90	51.5596	9.7	...	44.531	-30.624	-4	...	...	...	29.994	-16.943	-3	51.5633	10.4
3I						9I						I5I					
E †	-55.017	-20.781	1.00	51.5597	9.4	...	-43.860	+34.671	-2	50.5568	10.4	...	-29.819	+26.172	-3	...	...
E *	54.654	-34.026	1.05	51.5598	9.6	...	43.747	-54.234	0.80	51.5615	10.3	...	29.808	-25.340	-5	...	...
...	54.387	-3.000	-3	E	...	...	43.532	+42.178	0.95	50.5570	10.0	...	29.669	+46.879	-3	50.5590	10.4
...	54.386	+29.254	-5	A	...	...	43.464	+1.922	-5	M	...	...	29.619	-38.281	-5	...	...
E	54.221	-50.794	-3	51.5599	10.4	...	43.414	-48.848	-4	51.5616	10.4	...	29.584	-3.638	0.95	50.5589	9.9
E	-54.068	-54.013	-5	51.5600	10.4	S *	-43.283	-16.297	1.95	51.5618	8.5	...	-29.236	-32.422	-2	51.5634	10.4
E *	54.001	-44.527	2.10	51.5601	8.3	...	43.259	-58.367	-5	p	...	...	28.700	-35.767	0.70	51.5637	10.3
...	53.981	-49.508	-5	E	...	...	43.236	-18.146	0.85	51.5617	10.2	...	28.688	-59.001	0.90	51.5635	10.0
...	53.277	-17.857	-5	E	...	...	43.069	-15.924	0.70	51.5619	10.4	...	28.600	-48.523	0.70	51.5636	10.3
...	53.273	-56.105	-5	E	...	*	43.068	+42.745	1.10	50.5571	9.4	...	28.407	+53.152	-4	B	...
4I						10I						I6I					
E	-53.256	-57.735	-4	51.5603	10.4	...	-43.012	+2.197	-2	50.5569	10.4	*	-28.273	+44.266	1.00	50.5591	9.6
...	53.205	+30.781	0.90	50.5556	10.2	S *	42.663	+55.260	1.85	49.5558	8.3	...	28.116	-53.102	0.75	51.5638	10.3
...	52.969	+16.081	0.80	50.5555	10.2	...	42.491	-9.636	-5	...	...	...	27.938	-34.317	-5	...	...
...	52.910	+17.395	-4	...	...	...	42.396	+49.912	0.75	50.5572	10.2	a	27.348	+0.084	-2	50.5592	10.2
...	52.792	-3.592	-4	...	...	...	42.087	+50.833	0.75	50.5573	10.2	*	27.132	+53.125	1.00	49.5581	9.5
*	-52.413	+40.664	1.00	50.5558	9.4	...	-41.417	-25.256	0.70	51.5621	10.2	†	-27.036	+5.008	1.00	50.5593	9.7
S *	52.406	+10.134	2.85	50.5557	8.1	...	40.943	+47.311	0.65	50.5574	10.3	*	26.920	-43.033	1.10	51.5641	9.2
...	52.269	+36.010	-4	...	...	...	40.780	-57.240	-4	51.5620	10.4	...	26.622	-13.917	-2	51.5643	10.2
...	51.589	-27.134	-5	...	...	...	40.472	-5.209	-5	...	...	*	26.530	+29.200	1.20	50.5594	9.2
...	51.565	-35.265	-2	51.5604	10.4	...	40.461	-53.685	-5	...	...	*	26.471	-52.983	1.15	51.5642	9.2
5I						11I						I7I					
...	-51.333	+51.000	-5	B	...	...	-40.317	+34.245	0.80	50.5575	10.2	...	-26.127	-28.013	0.95	51.5644	9.8
...	51.146	-56.169	-4	51.5605	10.4	...	40.152	-16.961	-3	51.5622	10.4	...	26.011	+10.069	-5	50.5595	10.4
...	51.002	+26.603	-5	...	...	†	40.000	-28.648	-5	...	...	†	25.822	+9.901	-5	...	...
*	50.993	+15.443	1.35	50.5559	9.0	...	39.951	-14.145	-5	...	...	...	25.611	+34.516	-4	50.5597	10.4
*	50.703	+12.325	2.20	50.5560	8.2	...	39.771	+51.265	-5	B	...	...	25.608	-48.429	-5	p	...
...	-50.635	+42.887	-5	B	...	...	-39.437	+20.116	-4	...	...	...	-25.594	+33.936	-4	...	...
...	50.429	+29.723	-2	...	...	...	39.277	-24.190	0.85	51.5623	9.9	SN *	25.565	+20.461	5.60	50.5596	5.7
...	50.232	+57.535	-5	49.5554	10.4	...	39.100	+26.096	0.85	50.5577	10.3	...	25.530	-48.923	-5	p	...
*	49.676	+42.585	1.05	50.5561	9.4	...	39.069	+32.241	-5	...	...	...	25.484	+37.903	-3	50.5598	10.4
...	49.590	-8.347	-5	...	...	...	38.982	-4.765	0.80	50.5576	10.2	...	25.355	-11.854	-5	...	...

L measured from 1, 113, 209, 288, 413.
C " " 59, 149, 253, 345, 492.

177. Remeasure 1917, $y = +20.475$.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
18I	-24.830	+56.273	1.20	49.5583	9.0	24I	-12.062	-9.826	-4	51.5661	10.3	30I	+4.560	+24.780	1.15	50.5633	9.0
*	24.286	-32.008	0.85	51.5645	9.8	...	12.022	+54.623	1.00	49.5607	9.6	†	4.858	+27.369	0.85	50.5634	9.7
...	24.257	+16.855	-5	...	...	...	11.629	-42.218	-5	...	...	...	4.974	+50.979	0.85	50.5635	10.2
...	24.238	+7.443	-5	...	...	†	11.464	-5.090	1.25	50.5614	9.0	...	5.356	+17.932	-5	50.5636	10.4
...	24.158	+40.079	-5	M	...	...	11.359	+40.706	-5	M	...	...	5.596	+57.080	0.70	49.5631	10.3
...	-24.090	+11.765	-4	...	...	...	-11.278	+30.450	-3	50.5615	10.4	...	+7.073	-24.509	-1	51.5686	10.0
...	23.652	+11.697	-4	...	...	...	11.195	+20.307	0.85	50.5616	10.2	...	7.093	-40.598	-3	51.5687	10.4
...	23.428	+41.248	-5	M	...	...	11.085	-29.278	-5	...	...	...	7.134	+45.398	-5	...	...
...	23.378	+3.970	-3	50.5599	10.2	...	10.867	-37.800	0.80	51.5662	10.2	...	7.378	+17.052	0.85	50.5637	10.0
*	23.371	-30.561	1.40	51.5646	8.8	...	10.569	+51.512	-5	...	...	...	7.383	+44.931	0.85	50.5638	10.0
19I	-22.895	-40.002	-5	...	...	25I	-10.558	+3.668	1.00	50.5617	9.7	31I	+7.868	-52.781	1.25	51.5688	9.2
†	22.192	-36.545	0.80	51.5647	10.0	...	10.280	+42.697	-5	...	...	...	8.593	+23.286	0.80	50.5639	10.0
*	22.172	-16.071	1.40	51.5649	8.8	†	10.082	-29.510	-4	51.5665	10.3	*	8.982	-10.442	1.05	51.5689	9.4
...	21.976	+54.903	-3	...	...	...	9.996	+1.479	-5	...	...	...	9.294	+58.738	-5	...	...
...	21.918	-47.332	0.80	51.5648	10.0	...	9.673	-33.894	-5	51.5666	10.4	...	9.404	+22.042	0.80	50.5640	10.0
...	-21.865	+45.589	-5	...	...	...	-9.403	+8.951	-4	50.5618	10.0	+	9.495	-57.152	-3	...	...
...	21.780	+7.032	-5	...	...	...	9.095	-41.698	-5	p	...	...	9.512	+45.614	0.75	50.5641	10.3
*	21.277	+27.042	1.00	50.5600	9.6	*	8.941	+20.563	1.20	50.5619	9.2	...	9.603	-51.107	-5	p	...
...	21.198	-3.375	-5	...	...	...	8.921	+40.315	-1	50.5620	10.2	†	9.722	+50.871	-3	50.5642	10.4
...	21.175	+51.796	-5	M	...	...	8.857	-12.362	-4	51.5668	10.4	†	9.868	-3.439	0.95	50.5644	9.6
20I	-21.071	-44.356	-2	...	...	26I	-8.374	-5.885	1.10	50.5621	9.4	32I	+9.917	+44.004	1.20	50.5643	9.0
...	20.663	+22.625	-4	...	...	*	8.355	+32.893	1.20	50.5622	9.4	...	10.510	+56.277	-3	49.5637	10.4
*	20.618	-3.268	1.10	50.5601	9.7	...	7.755	+47.801	0.70	50.5623	10.0	...	10.723	+37.661	0.70	50.5645	10.0
...	20.570	+43.889	-5	M	...	...	7.667	-44.080	0.75	51.5669	10.0	...	10.925	+35.692	0.70	50.5646	10.2
...	20.401	+29.149	0.90	50.5603	9.9	...	7.385	-53.633	0.95	51.5670	9.7	...	10.951	-49.444	-5	...	...
...	-20.372	-2.869	0.65	50.5602	10.0	*	-7.256	+58.580	1.35	49.5616	8.8	*	+11.289	+6.792	1.00	50.5647	9.8
...	20.310	-56.757	1.00	51.5650	9.8	†	7.083	+49.781	-4	...	...	†	11.308	-39.905	-5	...	...
†	20.182	-22.376	-4	51.5651	10.4	...	6.792	+45.941	-4	...	...	...	11.463	+21.679	-5	50.5648	10.4
...	19.598	-56.470	-2	51.5652	10.4	...	6.426	+51.025	-5	...	...	...	11.654	-31.341	-5	51.5691	10.4
...	19.199	-2.468	-5	50.5604	10.4	n *	6.266	-6.404	1.20	50.5624	9.0	...	12.069	+6.677	0.70	50.5649	10.2
21I	-19.124	+48.952	-4	...	...	27I	-6.229	+37.036	0.95	50.5625	9.8	33I	+12.087	-45.517	-3	...	...
...	18.653	+41.880	-5	...	...	n	6.059	-6.437	-4	50.5624	9.0	...	12.166	+19.029	1.00	50.5650	9.6
*	18.549	-12.785	1.20	51.5654	9.0	...	4.458	+47.980	-5	M	...	...	12.234	-39.077	-3	...	...
...	18.078	-56.367	-5	...	...	...	4.362	-56.224	0.70	51.5671	10.4	...	12.310	-53.674	-5	...	...
...	18.024	+14.509	-5	...	...	...	3.958	-46.796	-5	...	...	S *	12.366	+12.190	1.90	50.5651	8.8
...	-17.703	+26.052	-2	50.5605	10.2	...	-3.810	-3.629	0.80	50.5626	9.8	*	+12.631	+38.840	1.00	50.5652	9.6
...	17.548	+49.138	-2	50.5606	10.4	...	3.514	-30.353	-5	51.5672	10.4	...	12.909	+31.475	-5	...	...
...	17.493	-57.993	-5	...	...	S *	2.457	-37.831	1.15	51.5673	9.2	...	13.217	+57.462	-5	...	...
...	16.968	+35.840	-3	...	...	...	2.315	-17.859	1.05	51.5674	9.2	...	13.316	+5.779	-5	...	...
*	16.765	-0.155	1.25	50.5607	9.4	...	1.892	+38.543	-4	m	...	...	13.398	+52.050	-3	49.5642	10.4
22I	-16.131	+22.820	-5	50.5608	10.4	28I	-1.743	-49.190	-2	51.5675	10.4	34I	+13.452	+26.320	1.00	50.5654	9.4
...	15.946	-57.055	0.75	51.5656	10.2	...	1.740	-36.625	-5	...	...	†	13.474	+29.900	1.00	50.5653	9.7
...	15.442	-18.150	-5	...	...	...	1.471	-34.455	0.85	51.5676	9.8	...	13.763	-14.527	0.70	51.5692	9.9
...	15.266	+8.196	-2	50.5609	10.2	...	1.395	-59.810	0.80	51.5677	10.0	*	13.938	-55.193	1.00	51.5693	9.7
...	14.913	-6.416	-5	50.5610	10.4	...	1.092	-50.365	0.90	51.5678	10.0	†	14.847	+35.878	-4	50.5655	10.4
...	-14.590	+34.604	-2	50.5611	10.4	...	-0.448	+52.037	-4	...	...	...	+14.923	-43.218	-3	51.5694	10.4
...	14.326	+36.469	-5	...	...	...	-0.215	+1.561	1.30	50.5627	9.2	...	15.058	-24.110	-5	...	...
†	14.284	+24.844	-4	...	...	...	+0.005	-41.173	-5	...	...	...	15.141	+23.079	-2	50.5656	10.3
*	13.861	+57.488	1.25	49.5597	8.8	...	0.532	+54.239	-5	m	...	...	15.489	+22.090	-4	...	...
...	13.690	-22.935	-3	51.5657	10.3	...	0.534	+31.657	-5	Mm	...	...	15.580	+52.996	-4	...	...
23I	-13.303	-48.528	1.00	51.5658	9.8	29I	+0.536	+7.840	1.00	50.5628	9.8	35I	+15.618	+1.012	-5	50.5657	10.4
...	12.966	-36.153	-3	51.5659	10.4	...	0.688	-7.376	-1	50.5629	10.0	...	16.062	+34.258	-4	...	...
...	12.952	-48.757	-5	...	...	...	1.338	-49.747	0.90	51.5682	10.0	...	16.599	-55.562	0.85	51.5695	10.0
...	12.903	+47.150	-5	...	...	*	1.475	+37.835	1.25	50.5630	8.9	...	17.860	-50.377	-4	...	...
S *	12.715	+1.855	2.95	50.5612	8.2	...	1.847	+11.463	-5	50.5631	10.4	...	18.907	-32.730	-5	...	...
...	-12.643	-29.323	-4	...	...	...	+3.041	+55.247	0.90	49.5628	10.0	...	+19.204	+43.945	-5	...	...
...	12.639	+42.196	1.00	50.5613	9.8	...	3.250	-17.374	-2	51.5683	10.3	...	19.437	-19.648	-2	51.5696	10.4
...	12.396	+50.945	-3	...	...	...	3.599	+39.485	0.65	50.5632	10.3	...	19.680	-26.414	4	51.5697	10.4
...	12.341	-18.377	0.70	51.5660	10.0	...	4.012	+35.658	-5	...	...	...	20.069	+34.615	0.70	50.5658	10.2
...	12.341	-34.517	-5	...	...	...	4.544	+10.189	-5	b	...	...	20.253	+23.628	-5	...	...

C.P.D. 51°.5664, too faint to measure.
270, 272. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
361-420						421-480						481-540					
361	+20.259	+51.537	0.85	50.5659	10.0	421	+30.797	+9.440	0.70	50.5676	10.4	481	+43.174	+2.421	0.70	50.5700	10.2
...	20.259	-32.064	-3	51.5698	10.4	...	30.903	+19.940	0.95	50.5675	9.8	...	43.287	+37.321	-4	50.5699	10.4
...	20.377	+30.400	-4	50.5660	10.4	...	30.981	+3.528	-5	...	...	*	43.612	-38.871	1.35	51.5734	9.0
...	20.474	-24.699	-5	...	...	...	31.191	+40.767	-4	...	...	...	43.921	+2.256	-5	...	...
*	20.534	+28.077	2.20	50.5661	8.3	...	31.548	+26.155	-3	...	...	...	44.075	-39.279	0.70	51.5735	10.2
...	+20.602	-23.287	0.95	51.5699	9.8	...	+31.883	+7.840	-5	...	...	...	+44.214	-38.296	0.85	51.5736	10.2
...	21.025	-38.221	0.90	51.5700	9.8	...	32.570	-58.693	-5	...	...	...	44.435	+43.466	0.95	50.5701	9.8
...	21.033	+20.653	-4	...	...	...	33.689	+32.005	0.80	50.5677	10.0	...	44.553	-33.051	-3	...	...
...	21.118	+53.066	-5	...	...	...	34.021	-22.447	-5	...	...	...	44.560	+46.724	-5	...	...
...	21.226	+46.841	-3	...	...	...	34.045	+29.378	-2	50.5678	10.4	...	44.618	-6.868	-5	50.5704	10.4
371	+21.518	+3.962	0.65	50.5663	10.2	431	+34.551	+30.255	-5	...	...	491	+44.622	+32.538	0.65	50.5702	10.3
...	21.546	+11.714	0.80	50.5662	10.2	...	34.686	-25.083	-5	51.5720	10.4	S *	44.974	+1.405	1.15	50.5705	9.2
...	21.698	-56.599	-5	...	...	S *	34.952	+50.678	1.60	50.5679	8.8	...	45.038	+53.200	0.65	49.5688	10.2
...	21.995	-20.347	0.80	51.5701	10.0	...	35.134	+34.918	1.00	50.5680	9.5	...	45.069	+0.238	0.70	50.5706	10.2
*	22.037	+28.738	1.00	50.5664	9.7	...	35.289	+48.513	1.00	50.5681	9.8	...	45.164	+29.716	-2	50.5703	10.4
...	+22.083	-33.162	-1	51.5702	10.4	...	+35.433	+53.366	0.85	49.5674	9.9	*	+45.172	-33.362	1.00	51.5737	9.6
...	22.259	+25.890	-4	...	...	*	35.759	-4.854	1.25	50.5682	9.2	...	45.690	-43.060	-5	p	...
*	22.590	-15.131	2.00	51.5703	8.6	...	36.007	-6.576	-3	50.5684	10.4	*	46.316	-10.198	1.20	51.5738	9.2
*	22.692	+6.695	1.40	50.5665	9.0	...	36.336	-2.836	0.90	50.5685	9.7	*	46.527	-11.454	1.00	51.5739	9.4
...	22.988	-13.892	-5	...	...	...	36.351	-2.700	-5	...	...	...	46.535	-16.386	-2	51.5740	10.4
381	+24.084	+24.572	1.20	50.5666	9.4	441	+36.372	-32.989	-4	...	...	501	+47.203	-52.957	1.20	51.5744	9.4
*	24.285	-7.399	-4	50.5667	10.4	...	36.435	+7.197	1.00	50.5688	9.7	...	47.264	-22.867	0.70	51.5743	10.4
...	24.593	-32.021	0.70	51.5704	10.0	...	36.552	+46.379	-3	50.5683	10.4	...	47.716	-51.862	0.90	51.5746	10.0
...	24.912	-20.764	-5	...	...	...	36.560	-2.271	0.90	50.5689	10.0	...	47.791	-29.043	0.65	51.5745	10.3
...	24.952	-34.453	0.95	51.5705	9.8	...	36.572	-56.127	0.65	51.5721	10.3	...	47.995	+59.463	-2	49.5691	10.2
*	+25.028	-36.834	1.05	51.5706	9.4	*	+36.739	+28.580	1.20	50.5686	9.1	...	+48.115	-57.008	-4	...	...
...	25.077	-58.170	0.70	51.5709	10.4	...	36.884	+45.445	-4	50.5687	10.4	...	48.116	+57.733	1.00	49.5692	9.8
...	25.097	-26.680	1.05	51.5707	9.4	...	37.042	-39.430	-3	15.5722	10.4	*	48.200	-53.536	1.30	51.5750	9.2
...	25.153	-14.685	-4	51.5708	10.3	...	37.178	-22.565	-5	...	...	...	48.228	-3.716	-5	...	...
...	25.176	-36.558	-4	...	...	...	37.416	-27.141	-3	...	...	...	48.346	+41.506	-3	50.5707	10.4
391	+25.200	+56.365	-4	...	...	451	+37.445	-11.261	0.90	51.5724	9.9	511	+48.372	+49.974	-5	b	...
...	25.313	-40.155	-5	...	...	...	37.478	+1.507	-5	m	...	*	48.489	-20.370	1.00	51.5748	9.5
...	25.395	+36.879	-2	50.5668	10.4	...	37.607	-28.407	0.65	51.5725	10.3	*	48.657	-22.303	1.10	51.5749	9.4
...	25.407	-51.898	-4	51.5711	10.4	...	37.691	+20.327	-3	...	...	...	48.665	+23.215	-4	...	...
...	25.768	-15.832	0.85	51.5710	10.0	...	37.791	+39.435	-5	50.5690	10.4	...	48.764	+23.546	-5	...	...
...	+25.773	-41.718	-4	...	...	*	+37.928	-1.774	1.00	50.5692	9.6	*	+48.870	+34.534	0.95	50.5708	9.8
...	26.428	+0.574	-5	...	...	...	37.940	+10.121	-2	50.5691	10.4	*	49.245	+29.341	2.50	50.5709	8.4
...	26.500	-58.584	1.00	51.5712	10.0	...	38.138	+24.234	-3	...	...	...	49.560	+11.987	0.90	50.5712	10.0
...	26.598	+50.518	-3	50.5669	10.4	...	38.541	+14.092	-2	50.5693	10.4	...	49.759	+44.166	-5	50.5710	10.4
*	27.057	-31.552	1.15	51.5713	9.2	...	38.614	-2.177	-5	...	...	...	49.860	+45.677	0.75	50.5711	10.2
401	+27.288	-52.751	-5	...	...	461	+38.796	-57.092	-4	51.5727	10.4	521	+49.861	+55.893	-5	...	...
...	27.402	+5.508	-2	50.5670	10.2	...	39.263	-24.895	-5	...	...	...	50.021	+32.199	-4	...	...
...	27.415	-2.482	-1	50.5671	10.2	†	39.732	-9.700	-4	...	...	*	50.195	+57.648	1.50	49.5699	9.2
*	28.027	+37.148	1.00	50.5672	9.8	...	40.511	+36.592	-5	...	...	...	50.382	-40.079	-5	...	...
...	28.122	+38.868	-5	...	...	...	40.678	+11.150	-3	50.5694	10.4	*	50.403	-19.082	1.00	51.5751	9.8
*	+28.202	+43.284	1.00	50.5673	9.6	...	+41.119	-52.000	0.85	51.5728	10.2	...	+50.464	+49.694	1.10	50.5713	9.5
...	28.225	-13.324	-4	51.5714	10.4	...	41.225	+31.781	0.90	50.5695	9.8	...	50.605	-54.034	-4	51.5752	10.4
S *	28.477	-51.307	1.25	51.5715	9.1	...	41.663	+48.517	-2	50.5696	10.3	...	50.853	-12.651	-4	...	...
...	28.614	-55.492	1.00	51.5716	9.9	...	41.726	-49.442	1.00	51.5730	9.8	...	51.269	-54.772	-5	51.5753	10.4
...	28.759	+48.942	-4	...	...	*	41.748	+29.614	1.20	50.5697	9.2	*	51.322	+53.516	1.20	49.5701	9.6
411	+29.445	-36.579	0.65	51.5717	10.3	471	+41.936	-20.985	-3	51.5729	10.4	531	+51.438	+53.932	-2	49.5703	10.0
...	29.604	-45.761	0.90	51.5718	10.0	...	42.009	-51.746	-5	p	...	...	51.451	+18.028	0.90	50.5714	10.0
...	29.873	-46.209	-5	...	...	...	42.170	+40.662	0.85	50.5698	10.0	...	51.546	+2.183	0.75	50.5715	10.3
...	29.887	+14.212	-3	...	...	...	42.373	-48.767	0.70	51.5731	10.3	*	52.218	+40.324	2.00	50.5716	8.5
...	30.154	-54.356	-5	p	...	...	42.413	+51.016	-5	...	...	...	52.372	-54.026	-5	...	...
...	+30.273	-21.010	-5	51.5719	10.4	†	+42.492	-29.990	-5	...	...	Se *	+52.517	-35.270	2.90	51.5754	7.9
...	30.356	+39.131	1.00	50.5674	9.8	...	42.671	-46.446	0.70	51.5733	10.3	...	52.653	+36.695	0.70	50.5717	10.3
...	30.429	-48.119	-5	...	...	...	42.741	+51.423	-5	...	...	...	52.780	+34.365	-2	50.5718	10.4
...	30.588	+38.423	-5	...	...	...	42.848	+23.595	-5	...	...	...	53.459	+46.215	0.90	50.5719	10.0
...	30.719	+54.565	-5	a	...	...	42.893	-31.454	-2	...	...	...	53.524	-3.245	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No.	Mag.
541-550						551-560						561-563					
54I	+53°632	+21°540	-3	...	...	55I	+57°001	-17°342	1°00	51.5758	9.7	56I	+59°313	-44°887	0.95	51.5762	10.0
e	53°864	-56°006	0.80	51.5755	10.0	e	57°189	+27°636	-4	...	...	e †	59°342	+56°121	-4	49.5718	10.4
...	54°432	+41°169	-5	b	...	...	57°205	-43°480	-4	...	...	...	59°654	-37°762	0.65	51.5763	10.2
...	54°560	+30°842	0.90	50.5720	10.0	...	57°626	+6°394	0.90	50.5722	9.9						
†	54°687	-1°844	-4	...	...	e *	57°807	-2°132	1°15	50.5723	9.4						
...	+55°731	-13°093	-4	...	...	...	+58°422	-0°138	-4	...	...						
...	55°778	+13°959	-3	50.5721	10.4	...	58°543	-28°374	-5	...	...						
...	56°213	-34°512	-3	...	...	e *	58°561	-38°213	0.90	51.5760	9.9						
e	56°423	-29°071	0.65	51.5756	10.2	e *	59°058	-24°080	1°10	51.5761	9.2						
e	56°483	-26°787	-2	51.5757	10.4	...	59°186	+28°941	0°75	50.5724	10.2						

1-40						41-80						81-120					
I	...	...	...	...	...	4I	...	...	...	...	...	8I	...	...	...	...	...
†	-60°008	+30°718	-5	50.5720	10.0	R	-44°848	+50°707	-5	50.5743	10.4	*	-31°857	-15°441	1°20	51.5804	9.4
SE*	59°330	-35°417	2.55	51.5754	7.9	†	44°159	-19°946	1°20	51.5778	9.4	*	31°843	-7°950	1°20	50.5757	9.2
...	58°105	+13°899	-5	50.5721	10.4	...	43°933	-11°430	1°00	51.5780	9.8	...	31°733	+28°232	-5	...	...
E	57°164	-56°071	-5	51.5755	10.0	*	43°814	-29°207	2°20	51.5779	8.5	...	30°619	+22°330	0.80	50.5759	10.0
R	56°271	+56°180	-5	49.5718	10.4	...	42°799	+9°763	-1	50.5744	10.2	...	30°602	-18°507	-5	51.5805	10.4
...	-55°952	+6°421	-1	50.5722	9.9	...	-42°252	-21°082	-2	51.5781	10.3	...	-30°573	+10°774	-5	50.5758	10.4
E	55°735	-26°788	-5	51.5757	10.4	R	42°100	-22°778	-5	...	...	...	30°398	+53°966	-5	49.5756	10.3
E	55°706	-29°057	-4	51.5756	10.2	...	41°549	-35°559	-4	51.5782	10.4	...	30°048	-19°371	-3	51.5808	10.4
E	55°599	-17°322	1°00	51.5758	9.7	...	41°414	-12°662	0.85	51.5783	9.9	R	29°977	+44°860	-5	50.5761	10.4
E *	55°409	-2°096	1°15	50.5723	9.4	...	40°485	-5°809	-3	50.5745	10.4	...	29°956	+38°509	1°00	50.5760	9.6
II	...	...	...	...	...	5I	...	...	...	...	...	9I	...	...	...	...	...
...	-55°304	+29°008	-5	50.5724	10.2	R	-39°843	-31°047	-5	51.5785	10.4	...	-29°778	-57°638	-4	51.5806	10.2
R	53°716	+32°574	-5	50.5727	10.4	R	39°831	+45°448	-5	50.5746	10.4	...	29°530	-57°241	-5	51.5807	10.3
R	53°358	-4°744	-5	50.5726	10.4	*	39°807	-23°556	1°20	51.5786	9.4	R	29°456	+53°117	-5	49.5758	10.4
*	53°336	+40°589	1°50	50.5728	9.0	...	39°793	-17°839	0°75	51.5787	10.0	...	29°430	+45°764	-5	50.5763	10.4
E *	53°274	-23°961	1°10	51.5761	9.2	...	39°090	+8°195	-4	50.5747	10.3	S *	29°314	+13°268	1°80	50.5762	8.7
E	-53°192	-38°107	-1	51.5760	9.9	...	-38°976	-27°808	1°00	51.5788	9.6	...	-28°149	-17°564	0°90	51.5811	10.0
E	52°172	-44°749	-2	51.5762	10.0	...	38°760	+16°903	0°95	50.5748	9.8	*	27°756	-50°609	1°20	51.5810	9.2
E	52°127	-37°612	-4	51.5763	10.2	...	38°735	-24°041	-4	51.5789	10.3	...	27°596	-28°359	-4	51.5812	10.4
*	51°653	+12°802	1°00	50.5730	9.6	...	38°180	+20°245	0°90	50.5749	9.8	...	27°489	+42°491	-5	50.5764	10.2
*	51°611	-4°020	1°05	50.5729	9.4	*	38°090	-28°454	1°15	51.5791	9.2	*	26°925	+37°984	1°05	50.5765	9.5
2I	...	...	...	...	...	6I	...	...	...	...	...	10I	...	...	...	...	...
...	-51°458	-46°803	-2	51.5764	10.0	*	-37°867	+57°118	1°00	49.5743	9.4	...	-25°551	-12°354	-4	51.5813	10.3
...	51°337	-32°077	-2	51.5766	10.0	...	37°497	-11°122	-4	51.5795	10.4	...	25°161	+46°681	1°00	50.5766	9.5
S *	50°821	+28°712	1°85	50.5732	8.5	...	37°413	-17°312	-3	51.5793	10.3	†	25°074	-23°393	-5	...	...
...	50°819	-44°091	-4	51.5767	10.2	*	37°298	-59°621	2°40	51.5792	8.4	...	24°993	+40°746	-4	50.5767	10.0
...	49°975	+28°866	-1	50.5734	9.8	...	36°918	-42°054	-5	51.5794	10.4	n	24°451	-9°062	1°00	51.5816	8.0
R	-49°861	-51°739	-5	51.5768	10.4	...	-36°712	+49°996	0°95	50.5752	9.7	...	-24°384	+44°186	-4	50.5768	10.0
...	49°855	+10°185	1°00	50.5733	9.7	...	36°594	-18°239	-4	51.5796	10.4	...	24°309	+49°027	-4	50.5769	10.2
...	49°470	-37°412	-5	51.5771	10.4	...	36°504	+38°500	-3	50.5751	10.3	S n *	24°232	-9°014	2°90	51.5816	8.0
R †	49°157	+29°822	-5	50.5736	10.3	...	36°452	+1°535	-5	50.5750	10.4	...	24°169	-57°160	-1	51.5814	9.8
...	48°814	-27°923	1°00	51.5772	9.8	...	36°163	-11°553	-4	51.5798	10.4	...	24°119	+52°483	-5	49.5763	10.4
3I	...	...	...	...	...	7I	...	...	...	...	...	III	...	...	...	...	...
R	-48°706	-23°003	-5	...	...	...	-35°883	-49°248	-5	51.5797	10.4	...	-24°082	-34°478	0°70	51.5815	10.2
R	48°523	+43°787	-5	50.5737	10.4	...	33°976	-8°642	-2	...	...	*	23°482	-52°615	1°25	51.5817	9.2
...	47°966	+25°731	-5	50.5739	10.4	...	33°920	-8°638	0°65	51.5799	9.7	...	23°214	-34°390	-5	51.5819	10.4
...	47°725	-38°256	-2	51.5773	10.0	...	33°955	+40°999	-5	50.5754	10.2	...	23°185	-51°558	-5	51.5818	10.4
†	47°696	+4°930	-3	50.5738	10.2	...	33°867	+22°776	0°70	50.5753	10.2	...	22°351	-58°297	-4	51.5820	10.2
...	-47°158	+24°034	-4	50.5740	10.3	...	-33°298	-9°877	-4	51.5800	10.4	*	-22°160	+37°252	1°80	50.5770	8.8
...	46°729	+7°846	-4	50.5741	10.4	*	33°255	+45°117	1°40	50.5756	9.1	...	22°123	+35°647	-4	50.5771	10.3
...	46°610	-41°721	-5	51.5774	10.4	...	32°851	+7°275	0°65	50.5755	10.0	R	21°534	-9°102	-5	51.5821	10.4
...	45°640	+49°881	-5	50.5742	10.2	...	32°485	-10°334	-4	51.5802	10.4	...	21°216	-22°488	-3	51.5822	10.4
...	45°443	-24°922	-1	51.5776	9.9	...	32°407	-19°422	-5	...	...	...	20°960	+29°438	-5	...	...

§ 10.6 = D, - 5.
 Stars marked R in column I were measured by MC in course of the revision.
 L measured from I, 88, 184, 291.
 C " " 41, 136, 234, 348.

C.P.D. 50°5725, 5731, obscured by réseau.
 " 50°5735, not on plate.
 " 51°5777, too faint to measure.
 105, 108. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
121-180						181-240						241-300					
I2I	-20.587	-54.456	-1	51.5823	9.8	I8I	-1.605	+14.669	-2	50.5794	10.3	24I	+16.828	-12.554	-5	...	...
...	20.544	-57.059	-5	51.5824	10.4	...	1.257	-32.457	-4	51.5853	10.4	...	17.865	-24.879	-4	51.5888	10.4
R †	20.130	+45.607	-5	50.5772	10.4	...	-0.774	+27.977	-1	50.5795	10.2	...	17.903	-44.584	-3	51.5889	10.4
...	19.417	-19.003	-5	...	...	...	+0.072	-25.584	-4	51.5854	10.4	*	18.780	-27.342	2.00	51.5890	8.8
*	19.069	-28.617	1.40	51.5825	9.0	...	0.095	+57.750	-5	49.5808	10.4	R	19.116	+57.359	-5	49.5843	10.4
...	-18.081	-2.753	-3	50.5773	10.3	...	+0.394	-46.012	1.00	51.5855	9.8	...	+19.415	+36.080	-5	50.5820	10.4
S *	17.646	-35.938	1.25	51.5829	9.2	*	0.450	+41.534	1.15	50.5796	9.2	†	19.595	+29.761	1.05	50.5821	9.2
...	17.449	-44.841	-5	51.5830	10.4	...	0.827	+38.738	-3	50.5797	10.3	...	19.851	-44.004	0.75	51.5892	10.2
...	17.254	-28.325	-4	51.5831	10.4	...	1.200	+49.320	-5	50.5798	10.4	...	19.904	-20.344	-3	51.5891	10.4
R	16.437	+52.536	-4	49.5780	10.3	*	1.299	-20.845	1.00	51.5856	9.4	...	20.128	-3.396	0.85	50.5822	9.8
I3I						I9I						25I					
*	-16.391	+33.026	2.00	50.5774	8.7	...	+1.346	+25.526	0.85	50.5799	9.8	...	+20.430	+15.234	-5	...	...
...	16.189	+51.477	-4	50.5775	10.0	...	1.640	-36.604	-5	51.5857	10.4	...	20.501	+5.889	1.00	50.5823	9.8
S *	16.054	+53.857	1.85	49.5782	8.8	...	1.793	-8.840	-3	51.5858	10.3	...	20.591	+32.797	-4	50.5824	10.3
...	16.023	+12.997	-5	50.5776	10.4	*	2.627	-20.796	1.20	51.5859	9.2	...	20.593	-7.289	-3	50.5825	10.4
*	15.368	-42.780	1.00	51.5834	9.5	...	3.028	+19.024	-3	50.5800	10.2	...	21.145	+11.547	-4	...	...
†	-15.171	-41.219	-3	...	...	...	+3.145	+16.598	-3	50.5801	10.4	...	+21.304	+58.901	-4	49.5849	10.0
...	15.038	+50.176	-1	50.5778	10.2	...	3.162	-12.461	-3	51.5860	10.4	...	21.577	+7.899	-4	50.5826	10.4
*	14.816	+2.273	1.00	50.5777	9.7	...	3.213	+27.866	-4	50.5802	10.4	...	21.692	-29.920	-4	51.5893	10.4
...	14.064	-8.780	-5	51.5835	10.4	*	3.886	+40.736	1.20	50.5803	9.3	...	21.995	-30.592	-1	51.5894	10.4
...	13.848	-41.387	-2	51.5836	10.3	...	3.931	-11.972	-4	51.5862	10.4	...	22.544	-4.810	-5	...	...
I4I						20I						26I					
...	-13.787	+38.650	-4	50.5779	10.4	...	+4.459	-44.564	-2	51.5864	10.2	*	+22.836	+25.488	1.00	50.5827	9.6
...	13.476	+30.250	0.70	50.5780	10.2	*	5.691	+2.899	1.00	50.5804	9.5	...	23.416	+37.712	1.00	50.5828	9.6
...	13.157	+13.728	0.90	50.5781	9.9	...	6.146	-15.253	0.90	51.5867	10.0	...	23.596	+12.543	-3	50.5829	10.4
...	12.716	-16.308	-4	...	...	...	6.759	-36.113	-5	...	...	*	23.967	-54.073	1.60	51.5896	9.4
...	12.607	-14.525	-2	51.5838	10.4	...	7.139	-10.390	-3	51.5868	10.4	...	24.140	-18.989	0.80	51.5895	10.0
...	-12.559	+51.538	-1	50.5782	10.0	...	+7.297	-12.944	-4	...	...	...	+24.304	+57.253	-3	49.5852	9.9
...	12.066	-29.418	-4	...	...	*	7.374	+43.173	1.60	50.5805	9.2	†	24.726	-1.842	1.60	50.5832	8.8
...	11.588	-59.275	0.85	51.5839	9.9	...	7.627	-23.143	0.95	51.5869	9.9	...	24.871	+26.564	-5	50.5831	10.4
...	11.152	+40.712	0.70	50.5783	10.0	...	8.486	-37.390	-5	51.5870	10.4	R	24.873	+46.634	-5	50.5830	10.4
*	10.659	-42.079	1.20	51.5841	9.4	...	9.129	-41.463	1.00	51.5871	9.8	...	25.100	-11.443	-1	51.5897	10.2
I5I						21I						27I					
...	-10.641	-17.693	-3	51.5842	10.4	...	+9.464	-6.279	-3	50.5806	10.4	...	+25.137	-31.738	-5	51.5898	10.4
...	10.639	-48.559	1.00	51.5840	9.8	*	9.583	-29.719	1.05	51.5872	9.4	...	25.196	+5.986	-5	...	...
...	10.568	+33.470	-5	...	...	*	9.874	+36.190	1.00	50.5807	9.5	...	25.239	+38.646	0.95	50.5833	9.8
*	10.392	+24.025	1.25	50.5784	9.2	...	9.946	-20.762	0.80	51.5873	10.0	...	25.251	+28.103	1.00	50.5834	9.6
...	10.275	+9.322	0.65	50.5786	10.2	...	10.891	-8.062	-3	51.5874	9.9	...	25.254	+0.327	-5	b	...
†	-10.255	+9.762	0.70	50.5787	9.9	...	+10.996	+20.236	0.85	50.5808	9.8	...	+25.329	+1.471	-5	50.5835	10.4
R †	10.216	+5.215	-5	50.5785	10.2	...	11.138	+31.119	-4	50.5809	10.4	*	25.564	+9.326	1.00	50.5836	9.6
...	9.888	+57.883	-1	49.5791	10.0	R	11.416	-51.548	-5	51.5876	10.4	...	25.856	+16.923	-2	50.5837	10.2
R †	9.794	+54.762	-5	49.5792	10.4	...	12.007	+16.180	-3	50.5810	10.4	*	26.083	+10.971	1.20	50.5839	9.4
*	9.377	-15.153	1.15	51.5843	9.2	*	12.038	+42.287	1.05	50.5811	9.4	...	26.086	+42.174	-1	50.5838	10.0
I6I						22I						28I					
...	-9.095	-20.412	-5	...	...	...	+12.086	-24.932	0.90	51.5877	9.8	...	+26.094	-39.412	-3	51.5899	10.4
...	8.521	-18.307	-5	51.5845	10.4	...	12.179	+31.834	-5	...	...	...	26.460	+16.653	-4	...	...
...	8.350	-30.605	-4	51.5846	10.4	*	12.571	-43.148	1.05	51.5878	9.5	†	26.744	-20.071	0.80	51.5900	9.8
...	8.262	+0.708	-3	50.5788	10.4	...	12.839	-37.985	0.70	51.5879	10.0	...	27.202	-7.489	1.00	50.5840	9.8
*	8.042	-55.539	1.00	51.5847	9.5	...	13.083	+26.568	-5	...	...	S *	27.692	-16.567	2.95	51.5901	8.1
...	-7.884	-5.226	-5	...	...	S *	+13.377	-52.600	2.20	51.5880	8.4	*	+28.026	-29.177	1.30	51.5902	9.4
...	7.818	-40.326	-5	...	...	R	13.478	-53.559	-5	51.5882	10.3	...	28.072	-39.393	0.80	51.5903	10.0
...	7.612	+17.683	-4	...	...	...	13.490	+18.595	-4	...	...	...	29.133	-28.430	-5	...	...
...	7.244	+11.983	-4	50.5789	10.4	...	13.542	-3.583	0.95	50.5812	9.8	...	29.558	-51.565	1.00	51.5905	9.6
...	6.972	-33.204	-5	...	...	*	13.581	-8.244	1.20	51.5881	9.4	N R †	29.618	+50.139	-5	50.5841	10.4
I7I						23I						29I					
...	-6.562	+22.753	-5	B	...	†	+13.610	+4.933	-4	50.5813	10.4	...	+29.782	-1.076	1.00	50.5842	9.8
†	5.141	-35.229	1.20	51.5848	9.2	S †	13.909	+49.857	3.95	50.5814	6.4	...	30.378	-24.458	-3	51.5906	10.4
...	5.015	-29.317	1.00	51.5849	9.8	...	14.385	+19.962	-5	50.5815	10.4	...	30.384	+4.178	-5	50.5843	10.4
*	4.572	-33.310	1.35	51.5850	9.4	S *	15.593	+13.160	1.45	50.5817	9.0	*	30.985	+0.637	1.25	50.5844	9.2
...	4.507	+24.909	-4	50.5790	10.4	...	15.660	+48.129	-5	50.5816	10.4	*	31.638	+33.511	1.30	50.5845	9.0
...	-4.129	+2.951	-3	50.5791	10.4	...	+15.690	-34.751	0.80	51.5884	10.0	...	+32.804	+22.782	0.85	50.5846	10.0
*	3.409	-21.957	1.25	51.5852	9.4	...	15.854	+13.801	0.95	50.5818	9.6	...	33.664	-13.388	-5	51.5907	10.4
...	3.332	-7.334	-4	50.5792	10.4	...	16.034	-18.721	-1	51.5885	10.2	R	33.701	+38.484	-5	...	...
...	2.413	-41.475	-5	...	...	...	16.209	-33.173	0.95	51.5886	9.8	R	33.875	-27.321	-5	51.5908	10.4
*	2.278	-7.783	1.05	50.5793	9.4	*	16.267	+24.541	1.00	50.5819	9.4	...	33.943	+34.294	-5	50.5847	10.4

M
 § 10.6 = D, - 5.
 C.P.D. 49°.5864, not on plate.
 290. Very diffused and faint.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
301-340						341-380						381-401					
30I	+34.390	+15.484	— 5	...	...	34I	+43.281	+33.629	— 4	50.5865	10.3	38I	+53.165	+42.860	1.60	50.5884	9.0
...	34.628	+40.064	— 3	50.5848	10.0	...	43.330	— 2.047	— 4	50.5866	10.4	e *	53.165	—40.593	1.20	51.5947	9.4
†	34.738	+29.529	— 5	50.5849	10.4	...	43.347	+49.057	— 5	50.5864	10.3	...	53.635	+28.379	— 1	50.5886	10.0
...	35.322	—26.835	0.95	51.5909	9.8	...	43.510	+ 2.011	1.00	50.5867	9.8	e	54.727	—24.044	— 5	51.5948	10.4
...	35.399	—35.541	1.00	51.5910	9.9	...	43.834	+ 5.445	— 3	50.5868	10.3	...	54.834	+23.545	0.95	50.5887	9.8
...	+35.543	—32.979	— 4	51.5911	10.4	R	+43.944	—54.057	— 5	51.5929	10.4	R e	+55.595	—42.722	— 5	51.5950	10.4
...	35.572	—38.633	— 3	51.5912	10.4	...	44.059	+27.583	— 5	50.5869	10.4	R	55.603	+44.180	— 5	50.5888	10.4
*	36.654	—26.758	1.00	51.5914	9.4	R †	44.651	—53.323	— 5	51.5930	10.4	...	55.754	+52.785	— 3	49.5909	10.0
...	36.740	—28.112	— 2	51.5915	10.0	*	45.194	—23.604	1.00	51.5931	9.7	e	55.812	—23.112	0.80	51.5949	9.9
...	37.025	+14.155	— 3	50.5850	10.4	...	45.297	+58.684	— 1	49.5888	9.7	e	55.960	— 0.530	1.00	50.5892	9.8
31I	+37.140	+57.176	— 5	49.5871	10.2	35I	+45.702	— 2.564	0.95	50.5870	9.8	39I	+56.175	+20.591	— 5	50.5891	10.4
...	37.397	—17.842	— 4	51.5916	10.4	...	46.045	+16.921	— 3	50.5871	10.3	...	56.217	+25.542	— 3	50.5889	10.0
...	37.575	—19.077	— 5	...	...	...	46.202	+ 1.874	— 4	...	...	R †	56.296	+24.825	— 5	50.5890	10.2
...	37.849	+25.596	— 5	50.5851	10.4	...	46.350	+13.164	1.00	50.5873	9.8	...	57.440	+46.620	— 1	50.5893	9.8
...	37.935	—20.110	0.90	51.5917	9.9	...	46.652	+47.880	— 3	50.5872	10.0	...	57.461	+ 8.012	— 5	...	...
...	+38.161	—27.754	— 3	51.5918	10.2	...	+46.988	—24.626	— 5	51.5932	10.4	...	+57.734	+ 6.204	— 5	...	...
...	38.359	—26.650	— 5	51.5919	10.4	...	47.012	+22.404	— 2	50.5874	10.2	R e †	58.381	—49.880	— 5	51.5952	10.4
...	38.489	+45.307	— 1	50.5852	10.0	...	47.124	—16.821	— 4	51.5933	10.4	e *	58.436	—41.057	1.40	51.5951	9.2
...	38.550	+34.128	— 4	50.5853	10.2	...	47.454	+33.919	— 4	50.5875	10.3	...	59.004	+53.619	0.95	49.5912	9.5
...	38.715	— 3.227	— 5	...	...	...	47.735	—14.842	— 5	51.5934	10.4	e *	59.160	— 8.143	1.00	50.5896	9.8
32I	+38.763	—53.391	3.00	51.5920	8.2	36I	+47.873	+ 0.413	1.00	50.5876	9.8	40I	+59.281	+10.415	0.80	50.5895	9.6
*	38.928	+53.667	— 5	49.5877	10.3	...	48.359	—30.053	0.85	51.5935	9.8	...	...	...	...	...	...
*	38.963	—51.779	1.15	51.5921	9.2	R	48.364	—57.952	— 5	51.5938	10.4	...	...	...	...	...	...
*	39.185	+37.669	3.00	50.5854	8.3	...	48.740	—38.774	— 4	51.5939	10.3	...	...	...	...	...	...
...	39.249	+18.927	— 5	...	...	...	49.004	+ 2.089	— 4	50.5878	10.4	...	...	...	...	...	...
...	+39.286	+ 4.729	— 5	50.5856	10.4	...	+49.352	+45.466	1.30	50.5877	9.4	...	...	...	...	...	...
†	39.539	+42.959	2.40	50.5855	8.5	S †	49.601	—44.071	1.40	51.5940	8.8	...	...	...	...	...	...
...	39.547	—16.973	1.00	51.5922	9.9	...	49.691	+15.562	0.70	50.5879	10.0	...	...	...	...	...	...
†	39.727	+41.719	— 3	50.5857	9.8	...	49.721	+12.455	0.70	50.5880	10.0	...	...	...	...	...	...
*	40.217	—51.748	1.20	51.5923	9.4	R	49.979	+56.311	— 5	49.5896	10.3	...	...	...	...	...	...
33I	+40.318	—58.196	— 3	51.5924	9.9	37I	+50.433	—22.564	— 4	51.5941	10.4	...	...	...	...	...	...
...	40.501	+14.413	0.95	50.5858	10.0	*	50.484	+10.031	1.30	50.5881	9.1	...	...	...	...	...	...
S *	40.814	+34.159	2.00	50.5859	8.4	...	51.008	+14.264	0.65	50.5882	10.3	...	...	...	...	...	...
†	40.993	—49.975	— 5	51.5925	10.2	...	51.386	—14.230	0.85	51.5942	9.9	...	...	...	...	...	...
...	41.042	+ 4.168	— 2	50.5860	10.4	...	51.700	—12.518	0.85	51.5943	9.9	...	...	...	...	...	...
...	+41.266	— 2.068	— 2	50.5861	10.3	...	+52.402	—18.442	0.85	51.5944	10.0	...	...	...	...	...	...
...	41.909	+37.831	— 3	50.5862	10.2	...	52.517	— 6.896	— 5	50.5885	10.4	...	...	...	...	...	...
...	42.503	+31.186	— 5	50.5863	10.4	...	52.528	+36.240	— 5	50.5883	10.4	...	...	...	...	...	...
...	42.591	+12.676	— 5	...	...	e	52.883	—42.877	— 3	51.5946	10.2	...	...	...	...	...	...
...	42.687	—46.265	— 4	51.5928	10.3	e	53.150	— 8.869	0.65	51.5945	10.0	...	...	...	...	...	...

M
 § 10·6 = D, — 5.
 C.P.D. 50°·5894, too faint and diffused to measure.

1-10						11-20						21-30					
I	...	...	...	...	...	II	...	...	...	...	...	2I	...	...	...	...	...
E	—59·798	— 8·996	0·95	51·5945	10·0	E *	—58·500	—40·704	1·25	51·5947	9·4	...	—57·191	+33·975	— 3	...	...
...	59·689	+52·707	1·00	49·5909	10·0	...	58·462	—36·091	— 5	...	...	B	56·969	+46·869	— 5	50·5894	10·4
...	59·507	+44·110	— 4	50·5888	10·4	...	58·320	+18·007	— 5	...	...	...	56·884	—51·486	— 4	...	...
*	59·425	+23·452	1·10	50·5887	9·8	...	58·142	+25·509	0·95	50·5889	10·0	...	56·819	+43·941	— 4	B	...
...	59·162	—28·669	— 5	...	...	...	58·028	+24·789	0·85	50·5890	10·2	E	56·558	—23·133	1·00	51·5949	9·9
...	—59·155	— 8·067	— 5	...	...	...	—57·977	+20·553	— 3	50·5891	10·4	*	—56·500	+53·672	1·35	49·5912	9·5
...	59·043	+46·232	— 5	...	...	...	57·764	+46·626	1·05	50·5893	9·8	...	56·179	+ 8·038	— 2	...	...
...	59·008	+20·964	— 4	...	...	E	57·600	—24·108	— 3	51·5948	10·4	...	56·175	—20·813	— 5	p	...
...	58·767	+37·540	— 4	...	...	...	57·492	+23·328	— 5	...	...	E	55·965	—42·730	— 3	51·5950	10·4
E	58·685	—43·001	— 2	51·5946	10·2	E *	57·329	— 0·569	1·00	50·5892	9·8	...	55·823	+ 6·246	— 3	...	...

L measured from 1, 106, 210, 318, 436, 541.
 C „ 56, 165, 269, 373, 488, 600.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	z.	y.		No	Mag.		z.	y.		No	Mag.		z.	y.		No	Mag.
31-90						91-150						151-210					
3I	-55.600	+ 5.102	- 5	M	...	9I	-43.228	-39.796	1.00	51.5968	10.2	15I	-32.683	+48.623	0.70	50.5926	10.3
...	55.279	+14.846	- 3	...	...	...	43.189	-39.367	- 3	...	...	...	32.303	+24.050	- 3	...	...
...	55.190	+ 0.750	- 5	M	...	...	42.766	-20.891	- 4	...	...	*	31.970	+57.477	1.40	49.5970	9.0
...	54.830	-35.476	- 5	...	...	...	42.280	-17.119	0.70	51.5970	10.4	...	31.897	+38.385	- 2	50.5928	10.4
...	54.795	-54.888	- 5	...	...	...	42.110	-48.675	0.90	51.5969	10.2	...	31.740	-21.931	1.00	51.5986	9.9
...	-54.460	+10.517	1.00	50.5895	9.9	...	-42.104	+ 9.217	- 5	M	...	...	31.727	-30.837	- 5	...	...
E *	53.831	- 8.033	1.00	50.5896	9.8	*	41.807	+13.268	1.70	50.5910	8.8	*	31.599	- 1.956	1.25	50.5927	9.4
...	53.737	+52.031	- 1	49.5920	10.3	...	41.502	+25.583	- 4	...	...	...	31.422	-57.141	- 5	...	...
...	53.724	+53.362	- 3	49.5921	10.4	...	41.487	+ 3.726	- 5	M	...	*	31.330	-25.980	1.30	51.5987	9.4
...	53.317	+23.973	- 3	...	...	*	41.371	- 2.086	1.05	50.5911	9.8	...	31.284	+24.340	- 5	...	...
4I	...	...	...	...	...	10I	...	...	...	...	...	16I	...	...	...	...	...
E *	-53.200	-40.957	1.20	51.5951	9.2	...	-41.177	+25.590	- 4	...	...	...	-31.032	-14.513	- 3	51.5990	10.3
E	52.909	-49.777	- 4	51.5952	10.4	...	41.053	+54.574	- 1	49.5951	10.4	...	30.845	-46.531	- 5	...	...
...	52.316	-27.441	- 5	...	...	*	40.789	-41.186	1.20	51.5972	9.6	*	30.492	-43.984	2.40	51.5989	8.6
...	52.141	+34.347	1.35	50.5897	9.4	...	40.424	+15.151	- 1	50.5912	10.4	...	30.417	+ 7.895	- 3	50.5929	10.4
...	51.510	-34.737	- 5	...	...	...	40.398	+49.972	0.85	50.5914	10.4	...	29.639	+21.968	- 2	50.5930	10.4
S *	-51.507	+14.012	4.90	50.5898	7.4	†	-40.080	+49.400	0.90	50.5915	10.2	...	-29.635	-37.790	1.00	51.5991	9.9
*	51.039	+35.476	1.15	50.5899	9.4	*	39.979	- 0.267	1.25	50.5913	9.6	*	29.518	-29.211	1.15	51.5992	9.7
...	51.033	-36.793	- 3	...	...	...	39.907	- 5.826	- 4	...	...	...	29.503	-43.249	0.80	51.5993	10.3
...	50.933	-10.251	0.80	51.5954	10.2	...	39.707	-18.544	- 3	...	...	*	29.264	+17.654	1.20	50.5931	9.4
...	50.827	-28.503	- 3	...	...	*	39.590	+32.797	1.10	50.5916	10.0	...	29.207	-43.922	- 4	...	...
5I	...	...	...	...	...	11I	...	...	...	...	...	17I	...	...	...	...	...
...	-50.804	-32.153	- 2	51.5953	10.4	...	-39.466	-17.001	- 3	51.5974	10.4	*	-29.047	+14.818	0.95	50.5932	10.0
...	50.742	+ 7.480	- 5	M	...	...	39.383	-32.697	- 5	...	...	...	28.670	+ 2.337	- 5	M	...
...	50.708	+50.079	1.00	50.5901	10.0	...	39.348	-30.103	- 5	...	...	...	28.664	+43.653	- 3	50.5933	10.3
*	50.589	+43.387	2.00	50.5902	8.8	*	39.135	-54.357	1.10	51.5973	9.8	...	28.533	-26.442	- 3	51.5995	10.4
*	50.466	+13.462	1.25	50.5900	9.0	...	38.400	-16.210	- 5	...	...	...	28.245	+ 8.817	- 5	...	...
†	-50.053	+21.247	- 2	...	...	S *	-38.365	+45.917	1.95	50.5917	8.8	...	-28.160	+13.343	- 5	...	...
*	50.012	-39.847	1.50	51.5955	9.0	...	38.354	-20.846	- 5	...	...	*	28.101	+49.321	1.50	50.5934	9.0
...	49.448	+31.315	- 5	...	...	...	38.347	-27.679	0.95	51.5975	10.2	...	27.353	+56.394	- 5	...	...
...	49.368	-14.658	- 5	p	...	...	38.323	- 2.663	- 5	...	...	...	27.327	-26.422	- 3	51.5996	10.4
*	49.171	-58.920	1.20	51.5956	9.6	...	38.135	+13.508	- 5	...	...	S *	27.093	- 8.901	3.90	51.5997	7.9
6I	...	...	...	...	...	12I	...	...	...	...	...	18I	...	...	...	...	...
*	-49.024	-57.624	2.20	51.5957	8.6	*	-37.782	-45.580	1.30	51.5976	9.1	...	-26.961	+ 7.427	- 2	50.5935	10.4
*	48.647	-43.172	1.35	51.5958	9.2	...	37.589	-31.420	- 5	...	...	...	26.256	+37.054	- 2	...	...
...	48.453	-20.759	- 5	...	...	...	37.543	-58.302	- 3	51.5977	10.4	...	26.173	+29.437	0.75	50.5936	10.2
†	48.253	-34.909	- 5	...	...	...	37.172	-23.234	- 5	...	...	...	25.808	+56.478	- 5	...	...
...	48.213	+22.818	- 3	...	...	...	37.035	-53.351	- 5	p	...	...	25.794	- 9.870	0.85	51.5998	10.0
...	-47.951	-23.857	- 5	...	...	...	-36.834	- 1.643	- 4	...	...	...	-25.741	+20.528	- 4	...	...
...	47.773	-57.417	0.95	51.5959	10.0	...	36.832	+17.610	- 3	...	...	...	25.647	-38.125	- 5	...	...
...	47.714	+52.029	1.00	49.5934	10.0	...	36.502	-10.163	- 3	51.5978	10.4	...	25.539	-44.543	- 4	...	...
...	47.500	+30.887	- 4	...	...	...	36.279	-31.603	- 5	...	...	...	25.506	+32.350	- 4	...	...
...	47.177	+46.042	- 1	50.5903	10.4	*	36.035	+31.406	1.45	50.5918	9.0	...	24.973	+53.606	- 4	A	...
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
...	-46.786	+30.387	- 2	50.5904	10.3	*	-35.877	+39.049	1.00	50.5919	9.8	...	-24.896	-59.126	- 5	...	...
...	46.598	-28.317	0.65	51.5960	10.4	...	35.685	-14.349	1.00	51.5979	9.8	...	24.610	+19.220	0.75	50.5937	10.4
...	46.207	-52.379	- 5	...	...	...	35.641	+27.282	- 3	50.5920	10.3	...	24.522	+43.709	- 4	50.5938	10.4
...	46.153	+30.276	- 5	M	...	...	35.356	-14.514	- 3	51.5980	10.4	†	24.443	-44.979	1.20	51.5999	9.4
...	46.119	-24.814	- 5	...	...	...	35.295	+35.413	0.65	50.5922	10.4	*	24.343	-46.647	1.25	51.6000	9.4
*	-46.062	-15.456	1.05	51.5963	9.8	†	-35.072	+15.457	1.05	50.5921	9.8	...	-24.138	-34.631	0.70	51.6002	10.2
*	45.961	-38.120	1.25	51.5962	9.4	...	34.831	+13.201	- 5	...	...	...	24.051	+44.131	- 3	...	...
*	45.899	+13.424	1.05	50.5906	9.6	...	34.776	- 7.023	- 5	...	...	...	23.925	+40.054	0.90	50.5940	10.0
...	45.807	- 7.153	0.65	50.5905	10.4	*	34.597	+23.475	1.05	50.5923	9.5	...	23.630	- 5.350	- 2	50.5939	10.4
...	45.711	-44.853	- 4	...	...	...	34.453	-41.556	- 5	...	...	...	23.450	+28.795	- 4	...	...
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
*	-45.446	-10.666	1.00	51.5964	9.9	*	-34.332	+18.484	1.50	50.5924	8.9	...	-23.369	+39.588	- 4	...	...
*	45.326	- 5.593	1.05	50.5907	9.8	...	34.146	+53.999	- 2	49.5965	10.4	...	22.644	+58.419	- 5	...	...
†	45.136	-23.990	- 2	51.5965	10.2	...	34.097	+15.568	- 4	...	...	...	22.639	-18.327	0.90	51.6003	10.0
...	44.739	+27.715	- 5	M	...	*	33.837	-50.114	1.35	50.5925	9.0	...	22.615	+40.211	- 2	...	...
...	44.551	-56.296	- 5	...	...	...	33.631	-25.102	- 5	...	...	...	21.855	+ 7.175	- 2	50.5941	10.4
...	44.307	+16.487	- 5	M	...	...	-33.588	-43.228	0.80	51.5983	10.4	...	-21.768	+55.276	- 3	...	...
...	44.168	+27.020	0.85	50.5908	10.4	...	33.368	+57.528	- 5	...	...	...	20.916	+11.720	1.05	50.5942	9.5
...	43.854	-40.166	1.00	51.5967	10.0	*	33.232	+53.676	1.05	49.5968	9.7	...	20.580	+ 3.804	- 5	50.5943	10.4
...	43.841	-54.653	1.10	51.5966	9.8	...	33.064	-15.211	- 3	51.5985	10.4	...	20.547	+30.798	0.65	50.5944	10.2
...	43.537	+51.553	0.85	50.5909	10.2	...	32.791	-28.426	0.75	51.5984	10.2	*	20.024	+33.954	1.00	50.5949	9.6

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
211-270						271-330						331-390					
211	-19° 970	+15° 568	1.00	50.5946	9.6	271	-9° 397	-28° 733	1.00	51.6025	9.8	331	+2° 192	-8° 961	-4	...	...
...	19° 939	-2° 147	-5	50.5945	10.4	...	8° 501	+33° 623	0.90	50.5970	10.2	...	* 2° 461	+3° 492	1.35	50.5991	9.1
...	19° 908	+43° 496	-3	50.5950	10.4	...	8° 447	+22° 464	0.75	50.5969	10.2	...	...	2° 871	+55° 386	-3	...
S *	19° 880	+14° 477	4.00	50.5947	7.7	...	8° 395	-23° 671	-5	...	...	...	...	3° 032	+6° 057	1.00	50.5992
...	19° 865	+45° 425	-5	...	...	...	8° 315	+47° 362	-4	...	...	...	...	3° 106	-8° 810	1.00	51.6037
...	-19° 760	+5° 689	-1	50.5948	10.0	...	-7° 625	+5° 821	-5	50.5971	10.4	...	*	+3° 144	-21° 192	3.80	51.6038
...	19° 692	+52° 918	-5	...	...	...	7° 317	-20° 820	-5	...	...	...	...	...	3° 232	+3° 411	0.95
N *	19° 621	-59° 315	1.80	51.6004	9.0	...	6° 993	+14° 246	-4	50.5972	10.2	...	...	...	3° 384	+24° 003	0.80
...	19° 618	+31° 455	-5	M	...	...	6° 670	+37° 233	-5	M	...	...	...	...	3° 476	-48° 916	-5
...	19° 391	-48° 366	0.80	51.6008	10.4	...	6° 542	-38° 095	-3	...	...	...	...	...	3° 478	-2° 457	-4
221	-19° 278	+51° 452	1.05	50.5951	9.5	281	-6° 510	+23° 708	-1	50.5973	10.0	341	+	3° 877	+44° 493	-2	50.5996
*	19° 267	-56° 818	1.10	51.6006	9.5	...	6° 250	+27° 001	0.65	50.5974	10.2	...	...	4° 086	+51° 097	-4	...
*	19° 086	-10° 560	1.90	51.6009	8.8	...	6° 107	+15° 064	0.95	50.5975	9.6	...	...	4° 113	-57° 817	0.90	51.6039
...	18° 901	-54° 695	-5	...	...	...	5° 840	-0° 141	0.95	50.5976	9.8	...	...	4° 441	-37° 301	-4	...
...	18° 683	+35° 132	-5	...	...	*	5° 831	-55° 028	1.00	51.6027	10.0	...	...	4° 500	-46° 584	0.95	51.6040
...	-18° 567	-11° 579	-4	51.6010	10.2	...	-5° 805	+41° 297	0.90	50.5977	10.0	...	+	+4° 890	-43° 663	1.50	51.6041
...	18° 059	+25° 378	0.70	50.5952	10.2	...	5° 505	-0° 110	-5	...	...	S	+	4° 892	+1° 079	4.50	50.5997
...	17° 449	+48° 383	-3	50.5953	10.4	...	4° 864	+46° 221	-3	...	...	...	...	4° 899	+36° 480	-4	...
N	17° 389	-12° 038	-5	51.6011	10.4	...	4° 688	-6° 833	1.00	50.5978	9.4	...	...	4° 978	-33° 005	-2	51.6042
...	17° 122	+36° 857	-5	M	...	...	4° 522	+31° 501	-5	M	...	...	...	5° 012	-52° 318	0.85	51.6043
231	-17° 093	-27° 053	-5	...	...	291	-4° 246	+5° 127	-4	50.5979	10.2	351	+	5° 099	+46° 492	-5	...
S *	16° 883	-39° 582	5.80	51.6012	7.0	...	4° 161	+12° 722	-3	...	...	...	...	5° 197	+43° 007	0.70	50.5998
...	16° 640	-2° 684	-1	50.5954	10.0	...	3° 783	-37° 720	-5	...	...	...	...	5° 198	+40° 999	0.80	50.5999
...	16° 521	+32° 669	-3	50.5955	10.4	...	3° 743	-46° 191	-4	...	...	...	...	5° 270	-38° 311	-4	...
...	16° 158	+37° 825	-3	50.5956	10.4	...	2° 960	-47° 723	-4	...	...	...	*	5° 817	+59° 429	1.40	49.6044
...	-16° 109	-46° 512	-5	p	...	...	-2° 900	+46° 016	0.95	50.5980	10.0	...	+	+5° 854	+38° 410	1.30	50.6000
*	15° 917	+45° 077	1.20	50.5957	9.2	*	2° 812	+36° 239	1.00	50.5981	9.8	S	*	5° 895	+56° 845	2.70	49.6045
...	15° 756	+36° 478	-4	...	...	...	2° 778	-47° 349	1.00	51.6029	9.8	...	...	6° 146	-26° 721	-5	...
*	15° 756	-13° 616	2.00	51.6014	8.8	...	2° 732	+30° 892	0.90	50.5982	9.8	...	*	6° 702	+24° 184	1.15	50.6001
...	15° 601	-48° 686	0.80	51.6015	10.3	...	2° 705	+20° 556	-5	M	...	...	*	6° 930	-51° 402	2.00	51.6044
241	-15° 565	-54° 019	1.00	51.6013	10.0	301	-2° 611	+52° 912	-1	...	...	361	+	7° 139	+44° 165	-5	...
...	15° 558	+48° 376	-5	...	...	...	1° 949	+51° 419	-4	...	...	...	...	7° 615	+17° 115	-5	...
...	15° 552	-52° 621	-5	...	...	...	1° 856	-46° 428	-5	...	...	...	...	7° 819	+52° 965	1.00	49.6049
...	15° 470	+41° 599	0.90	50.5958	10.2	...	1° 811	+20° 105	-5	Mm	...	...	...	8° 110	+21° 062	-2	50.6002
...	15° 318	-14° 052	-5	...	...	...	1° 779	-11° 325	-5	...	...	...	...	8° 195	+21° 071	-2	...
...	-15° 002	-55° 157	0.95	51.6016	10.0	...	-1° 556	-29° 035	-5	...	...	*	+	+8° 252	+38° 756	1.20	50.6003
*	14° 440	-38° 683	2.60	51.6017	8.4	...	1° 555	+35° 492	0.90	50.5983	9.8	...	...	8° 500	-57° 067	0.75	51.6045
...	14° 416	-31° 913	0.70	51.6018	10.0	...	1° 506	+50° 959	0.70	...	...	...	*	8° 785	+47° 608	1.00	50.6004
*	14° 171	+54° 136	1.00	49.6001	10.0	...	1° 356	+45° 113	0.65	50.5984	10.2	...	*	8° 854	+52° 919	1.15	49.6052
...	13° 908	+23° 136	0.75	50.5959	10.4	...	1° 301	-28° 142	-5	...	...	...	...	8° 901	-36° 832	-3	...
251	-13° 887	-53° 459	1.00	51.6019	9.8	311	-1° 080	+27° 989	-3	...	...	371	+	9° 016	-13° 458	-5	...
...	13° 756	+36° 071	0.85	50.5960	10.3	*	1° 069	+17° 155	1.90	50.5985	8.8	...	...	9° 244	-53° 428	0.75	51.6046
...	13° 505	+33° 012	-5	...	...	...	0° 996	-16° 626	-3	51.6031	10.2	...	+	9° 755	+22° 806	-4	...
...	13° 457	-52° 491	-5	...	...	...	0° 894	-48° 345	0.90	51.6030	10.0	...	...	10° 145	-36° 663	0.90	51.6047
...	13° 198	+57° 928	-3	49.6002	10.4	...	0° 727	-47° 005	0.90	51.6032	10.2	...	...	10° 214	+37° 692	-5	...
...	-12° 613	-4° 585	-2	50.5961	10.2	...	-0° 347	+32° 270	-2	50.5986	10.2	...	+	10° 222	-57° 043	1.00	51.6049
...	12° 442	-19° 317	-5	51.6020	10.4	...	0° 238	+21° 012	1.10	50.5987	9.4	...	*	10° 286	-19° 229	3.60	51.6048
...	11° 853	-11° 622	-1	51.6021	10.0	...	0° 084	-31° 246	-5	...	...	...	...	10° 317	+45° 653	-5	a
N	11° 806	-12° 132	-1	51.6022	10.2	*	-0° 004	+49° 660	1.25	50.5988	9.0	...	...	10° 794	+36° 782	1.00	50.6005
...	11° 795	-1° 515	-5	50.5963	10.4	...	+0° 095	+32° 970	-3	...	...	...	...	10° 893	+22° 840	-5	...
261	-11° 723	-3° 877	1.30	50.5962	9.2	321	+0° 139	+15° 698	1.20	50.5989	9.2	381	+	10° 937	-55° 447	1.10	51.6052
*	11° 695	+43° 431	1.25	50.5964	9.2	*	0° 380	+18° 222	-2	50.5990	10.0	...	*	11° 090	+5° 152	-5	m
...	11° 521	+34° 973	-5	50.5965	10.4	...	0° 490	+53° 524	0.95	49.6028	10.2	N	...	11° 366	+37° 038	-5	...
...	11° 499	-16° 963	-3	51.6023	10.4	*	0° 502	-55° 553	1.00	51.6034	9.3	S	*	11° 614	-22° 095	4.00	51.6053
...	10° 627	+50° 952	-5	...	...	...	1° 042	+58° 960	-1	49.6029	10.2	...	...	11° 737	+31° 141	0.95	50.6006
...	-10° 573	-3° 917	-1	50.5966	10.0	...	+1° 181	-48° 758	-5	...	...	...	+	+11° 806	+20° 310	1.50	50.6007
*	10° 358	+42° 351	1.00	50.5967	9.8	...	1° 383	+15° 826	-5	...	...	...	...	11° 816	-12° 422	-1	51.6054
...	10° 280	-54° 053	1.00	51.6024	10.0	...	1° 453	+30° 791	-5	M	...	...	*	11° 827	-45° 280	1.15	51.6055
...	10° 107	+29° 486	1.00	50.5968	10.0	...	1° 455	-44° 400	-2	51.6036	10.2	...	...	11° 907	-38° 618	1.00	51.6056
...	9° 520	-30° 947	-5	p	...	...	2° 175	+29° 128	-4	...	...	...	...	12° 445	+35° 254	-4	...

218. Mass.

229. Very faint and diffused.

259. Obscures 2nd image of 258.

383. Fault on image.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
391-450						451-510						511-570					
39I	+12.773	-50.438	3.05	51.6057	7.7	45I	+22.274	-26.978	-2	51.6072	10.2	51I	+34.879	-34.350	1.40	51.6088	9.0
S *	13.108	-19.901	-4	...	...	*	22.768	+30.414	1.00	50.6022	9.6	...	35.046	+3.387	-4	...	...
...	13.257	+13.948	1.00	50.6008	9.8	...	22.905	+53.269	-3	...	...	...	35.111	+7.579	-3	...	...
...	13.324	-37.053	1.00	51.6058	9.6	†	23.008	+19.903	-5	...	...	...	35.329	+35.695	-4	...	...
...	13.484	+52.153	-5	...	...	...	23.250	+50.324	0.80	50.6023	10.2	*	35.389	-29.357	1.40	51.6089	9.0
...	+13.497	+52.055	-5	b	...	...	+23.341	-20.458	-3	51.6073	10.2	...	+35.575	+38.700	0.70	50.6038	10.2
...	13.749	+16.668	-5	...	...	...	23.623	-58.828	-3	...	...	...	35.599	+40.653	-5	...	...
...	13.898	+44.649	-3	...	...	*	23.803	+33.603	1.00	50.6024	9.6	*	35.709	-16.941	1.25	51.6090	9.1
*	13.935	-14.292	1.25	51.6059	9.4	...	24.399	-43.518	-5	p	...	...	35.841	-35.894	-5	p	...
...	14.143	+27.424	-5	...	...	...	24.591	-42.624	-5	...	...	*	36.031	-0.697	1.25	50.6039	9.1
40I	+14.294	-19.183	1.00	51.6060	9.4	46I	+24.714	+59.803	-3	49.6078	10.2	52I	+36.193	+47.118	-5	...	...
*	14.884	+49.454	-4	...	...	†	24.895	+20.844	-2	50.6025	10.2	...	36.507	-28.253	0.95	51.6091	9.8
...	14.884	-38.280	0.80	51.6061	10.0	...	24.940	+50.085	-2	...	...	...	36.613	-15.982	-5	p	...
...	14.901	+52.940	-4	...	...	...	25.102	+39.597	-4	...	...	...	36.688	-54.483	0.90	51.6092	9.8
*	14.914	-1.512	2.00	50.6009	8.5	...	25.241	+2.660	-5	m	...	...	37.037	-35.511	0.95	51.6093	9.8
...	+15.309	-1.674	-3	...	...	...	+25.425	+10.750	-3	50.6026	10.2	...	+37.548	+54.380	0.75	49.6098	10.2
...	15.499	-6.956	1.00	50.6010	9.6	...	25.633	-10.068	-5	...	...	...	37.629	-5.992	0.70	50.6041	10.0
*	16.179	-43.757	1.30	51.6062	9.1	*	25.833	+7.877	1.00	50.6027	9.6	...	37.674	+28.351	-4	...	...
*	16.204	+25.397	1.10	50.6011	9.6	...	25.848	-27.851	-5	...	...	*	38.051	-28.363	1.00	51.6094	9.4
...	16.346	-45.101	-4	...	...	...	25.908	-17.418	-1	51.6074	9.8	...	38.084	+53.710	-4	...	...
41I	+16.350	-7.381	-5	p	...	47I	+25.955	-56.664	-1	51.6076	10.2	53I	+38.237	+50.578	1.00	50.6040	9.6
*	16.526	-0.615	1.20	50.6012	9.3	*	26.027	-40.458	1.05	51.6075	9.4	...	38.261	+25.277	-3	...	...
*	16.540	-13.072	1.25	51.6063	9.4	...	26.216	-56.945	-1	51.6077	10.2	...	38.581	-52.913	-5	...	...
...	16.698	-5.223	1.00	50.6013	9.6	...	26.979	+16.151	0.95	50.6028	10.0	*	38.654	-54.359	1.10	51.6095	9.4
*	16.976	+27.254	1.00	50.6014	9.6	*	27.391	-15.912	1.05	51.6079	9.4	...	38.706	+1.986	0.75	...	...
†	+16.984	-29.893	-5	...	...	...	+27.391	-53.349	-5	...	...	...	+39.143	-11.589	-4	...	...
...	16.996	+34.764	-4	...	...	...	27.527	+20.764	-5	...	...	...	39.191	-32.084	-3	...	...
...	17.068	+31.102	-4	...	...	...	27.576	+19.419	0.90	50.6029	10.2	...	39.219	-38.395	-4	...	...
...	17.166	-59.416	-5	...	...	...	27.842	-15.416	-3	51.6080	9.8	*	39.424	-8.945	1.20	51.6096	9.4
...	17.167	-8.454	-3	51.6065	10.2	...	28.095	+5.513	-5	...	...	...	39.429	-3.719	-3	...	...
42I	+17.542	+20.595	3.10	50.6015	7.7	48I	+28.142	-38.297	-4	...	...	54I	+39.804	-3.742	-5	...	...
S *	17.600	-44.696	1.00	51.6066	9.6	...	28.235	+48.317	-3	...	...	...	40.018	-51.923	-5	...	...
*	17.699	-23.939	1.30	51.6067	9.1	...	29.027	-12.296	-5	...	...	...	40.203	+42.447	0.85	50.6042	10.2
...	17.837	-52.518	-3	...	...	...	29.398	+23.420	-3	50.6030	10.2	*	40.269	+13.376	2.70	50.6044	8.4
...	17.944	+16.049	-4	...	...	...	29.440	-26.550	1.00	51.6081	10.0	...	40.461	-13.137	-5	p	...
...	+18.114	-30.972	-4	...	...	*	+29.494	+21.145	1.00	50.6031	9.6	...	+40.540	+50.821	-5	50.6043	10.2
...	18.277	-11.603	-5	...	...	†	29.652	-1.191	-3	50.6032	10.2	†	40.644	+29.934	-4	50.6045	10.2
*	18.314	+2.430	3.80	50.6016	7.4	...	29.963	-28.319	0.80	51.6082	10.2	...	40.684	+11.722	-5	b	...
...	18.362	+38.250	-5	...	...	...	30.064	+16.770	0.90	50.6033	10.0	...	40.685	+54.120	-1	49.6104	10.0
...	18.409	-21.521	-3	51.6068	10.2	...	30.487	+32.548	-5	b	...	...	40.755	+30.216	0.70	50.6046	10.2
43I	+18.455	+39.694	-5	...	...	49I	+30.762	-55.013	-4	...	...	55I	+40.803	+0.811	1.00	50.6047	9.6
...	18.695	+53.295	-3	49.6066	10.2	...	31.222	+35.416	-3	...	...	...	40.811	+1.433	-3	50.6048	10.2
...	19.176	+38.445	-4	...	...	...	31.244	-32.152	-4	...	...	...	40.841	-56.929	-5	p	...
...	19.282	-22.645	-4	...	...	...	31.473	-19.629	-1	51.6083	10.2	...	40.917	+30.653	-5	...	...
...	19.375	+14.254	-5	...	...	...	31.597	+41.891	-5	b	...	*	40.936	-58.672	1.15	51.6098	9.4
*	+19.826	+46.101	1.00	50.6017	9.4	*	+31.796	-22.545	1.15	51.6084	9.4	...	+41.052	-39.343	-5	...	...
...	19.881	-32.952	-5	...	...	...	31.966	+0.784	-3	...	...	*	41.289	-4.832	1.25	50.6050	9.0
...	20.091	-43.344	-4	...	...	...	32.048	+5.948	-1	...	...	*	41.309	+14.047	1.00	50.6049	9.6
...	20.148	+38.398	0.95	50.6018	9.8	*	32.105	+13.842	1.35	50.6034	9.3	...	41.328	-54.603	-3	...	...
...	20.224	+51.767	-5	...	...	...	32.139	-24.791	-3	...	...	...	41.524	+57.250	-3	49.6105	10.2
44I	+20.625	+36.204	1.00	50.6019	9.8	50I	+32.350	-39.578	-4	...	...	56I	+41.529	-10.052	-3	...	...
*	21.084	-56.241	1.00	51.6070	9.6	...	32.401	+8.651	0.65	50.6035	10.2	...	42.355	-33.979	-3	...	...
...	21.332	+26.329	-4	...	...	...	33.552	-28.244	-5	...	...	...	42.450	+25.157	-4	...	...
...	21.535	+38.524	-4	...	...	*	33.565	+0.970	1.15	50.6036	9.6	...	42.490	+59.247	-1	49.6108	10.0
...	21.649	-24.235	-4	...	...	...	33.592	-57.942	-5	p	...	*	42.552	+40.148	1.30	50.6051	9.4
...	+21.716	-47.456	-2	...	...	...	+33.667	+38.887	-3	...	...	...	+42.748	+56.340	-5	...	...
...	21.758	+36.913	-5	...	...	...	33.752	-36.289	-4	...	...	*	42.949	-20.639	1.00	51.6099	9.6
...	21.760	+55.512	-5	...	...	*	34.279	-18.448	1.05	51.6085	9.6	...	43.147	+47.758	-5	...	...
†	21.815	+10.021	-3	50.6020	10.2	*	34.428	-23.522	1.40	51.6086	9.0	...	43.270	+44.499	-4	...	...
...	22.091	+2.218	-1	50.6021	9.8	...	34.810	-3.274	0.70	50.6037	10.2	...	43.422	+40.469	-3	50.6052	10.2

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
571-610						611-650						651-661					
57I	+43'492	+50'659	-5	...	...	61I	+51'580	+16'958	1'00	50.6069	9.6	65I	+57'994	-47'554	-1	51.6111	10.2
...	43'540	-16'470	-2	51.6101	10.2	...	51'590	+55'120	-4	...	...	e	58'044	-52'058	-5	...	...
*	44'038	-0'839	1'00	50.6053	9.8	...	51'612	+47'929	-4	b	...	...	58'144	+7'876	-3	...	...
...	44'237	-13'611	-5	...	...	...	51'764	-3'112	-5	...	...	e	58'438	-47'899	0.80	51.6112	10.0
...	44'425	+21'852	-5	...	...	e *	51'808	-46'815	1'10	51.6105	10.0	...	58'476	-16'552	-4	...	...
*	+44'998	+37'534	1'00	50.6054	9.6	...	+51'887	+22'951	-5	...	...	*	+58'678	+17'530	1'15	50.6079	9.4
...	45'046	+30'272	1'00	50.6055	9.8	...	51'896	-20'197	-5	...	...	e *	58'860	-52'830	1'40	51.6113	9.2
*	45'104	+24'651	1'00	50.6056	10.0	...	52'020	+4'080	-5	b	...	*	58'985	+2'229	1'30	50.6080	9.1
...	45'770	+21'425	1'00	50.6057	10.0	...	52'249	+0'113	0.70	50.6070	10.2	e	59'029	-5'767	0.90	50.6081	10.0
...	45'792	+15'131	0.75	50.6058	10.2	...	52'989	-22'941	-2	51.6106	10.2	...	59'234	+7'505	-5	...	...
58I	+46'080	+37'980	-5	...	...	62I	+53'203	-19'439	-5	...	...	66I	+59'373	+3'599	-5	...	...
...	46'125	+8'694	1'20	50.6059	9.1	...	53'336	+31'075	1'10	50.6071	9.4	...	...	...	...	...	...
*	46'577	-36'532	1'00	51.6102	9.6	S e *	53'508	-35'671	1'10	51.6107	9.2	...	...	...	...	...	...
...	46'594	+23'437	-5	...	...	e *	53'893	-47'809	1'15	51.6108	9.4	...	...	...	...	...	...
*	46'983	+54'320	1'25	49.6114	9.3	...	54'443	+4'516	-5	...	...	...	...	...	...	...	...
...	+47'016	+37'470	-5	...	...	†	+54'691	-58'182	-4	...	...	...	...	...	...	...	...
...	47'120	-7'490	-5	...	...	...	55'022	+42'442	0.70	50.6072	10.0	...	...	...	...	...	...
...	47'218	+27'805	0.95	50.6060	10.0	...	55'118	-24'142	-5	...	...	...	...	...	...	...	...
...	47'687	-3'755	0.80	50.6063	10.2	e *	55'185	-11'343	1'00	51.6110	9.6	...	...	...	...	...	...
...	47'725	+20'233	-5	...	...	...	55'379	-19'105	-4	...	...	...	...	...	...	...	...
59I	+47'927	+59'218	-1	49.6116	10.0	63I	+55'410	+14'272	-4	...	...	...	...	...	...	...	...
...	47'943	+38'395	1'00	50.6061	10.0	...	55'464	-23'306	0.65	e	...	...	...	...	...	...	...
...	47'995	+16'503	1'00	50.6062	9.8	...	55'487	+32'380	-2	50.6073	10.2	...	...	...	...	...	...
...	48'237	+26'273	-5	...	...	...	55'558	+37'472	-4	50.6074	10.2	...	...	...	...	...	...
...	48'718	+30'596	-5	...	...	...	55'596	-25'633	-5	p	...	...	...	...	...	...	...
...	+48'943	+59'143	-5	...	...	†	+55'736	+5'016	-5	...	...	...	...	...	...	...	...
...	49'031	+35'024	-5	...	...	...	55'820	+11'925	-4	...	...	...	...	...	...	...	...
...	49'132	+7'039	-5	...	...	...	55'825	+55'363	0.80	49.6127	10.0	...	...	...	...	...	...
*	49'291	+10'171	1'00	50.6064	9.8	...	55'908	-22'708	-5	p	...	...	...	...	...	...	...
*	50'089	-48'050	1'10	51.6103	9.6	...	56'385	+11'867	-2	...	...	...	...	...	...	...	...
60I	+50'215	+12'185	0.80	50.6067	10.0	64I	+56'570	+8'355	-2	...	...	...	...	...	...	...	...
S *	50'311	+20'727	5.90	50.6066	5.3	...	56'696	+30'471	1'50	50.6076	9.0	...	...	...	...	...	...
...	50'334	+50'379	-5	...	...	*	56'958	+47'359	-4	...	...	...	...	...	...	...	...
...	50'359	+49'513	0.80	50.6065	10.2	...	56'967	+51'725	0.95	50.6075	9.8	...	...	...	...	...	...
...	50'781	+25'392	0.70	...	...	...	57'107	-31'883	-5	...	...	...	...	...	...	...	...
...	+50'852	-52'287	-5	...	...	...	+57'166	-48'420	-5	...	...	...	...	...	...	...	...
*	50'860	-35'104	1'10	51.6104	9.4	...	57'399	-34'831	-4	...	...	...	...	...	...	...	...
...	50'997	-16'561	-2	...	...	...	57'413	+3'904	0.75	50.6077	10.2	...	...	...	...	...	...
...	51'404	-12'713	0.70	...	...	e *	57'459	-0'943	1'20	50.6078	9.0	...	...	...	...	...	...
...	51'561	+11'643	0.70	50.6068	10.0	...	57'644	+38'866	-5	...	...	...	...	...	...	...	...

1-10						11-20						21-30					
I	-59'606	-46'971	-5	51.6105	10.0	II	-56'895	-23'345	-5	E	...	2I	-53'540	+36'680	1'05	50.6086	9.4
E	59'281	+37'397	-5	50.6074	10.2	...	56'050	+3'933	-3	50.6077	10.2	...	53'387	-47'453	-5	51.6111	10.2
R	59'150	+32'298	-5	50.6073	10.2	E *	55'809	-0'906	1'20	50.6078	9.0	R E	52'933	-47'783	-5	51.6112	10.0
...	58'465	+51'703	-5	50.6075	9.8	*	55'353	+17'607	1'05	50.6079	9.4	...	52'689	+15'557	-5	...	...
S E *	58'358	-35'762	1'15	51.6107	9.2	*	54'431	+2'327	1'00	50.6080	9.1	E *	52'304	-52'690	1'25	51.6113	9.2
*	-57'862	+30'447	1'25	50.6076	9.0	*	-54'195	+22'488	1'70	50.6082	8.6	...	-52'105	-32'730	-1	51.6114	9.0
E	57'671	-11'396	1'00	51.6110	9.6	R	54'122	+42'353	-5	50.6083	10.2	...	51'815	-15'001	-5	51.6115	10.2
E	57'483	-47'879	1'00	51.6108	9.4	E	54'053	-5'655	-3	50.6081	10.0	*	51'335	-33'474	1'80	51.6116	9.0
...	57'431	+11'842	-5	...	...	R	53'786	+34'838	-5	50.6084	10.2	†	51'176	+0'024	-2	50.6087	10.0
...	57'093	+8'331	-5	...	...	...	53'559	+35'510	1'00	50.6085	9.4	...	51'173	+51'299	-1	50.6091	9.4

M

§ 10.5 = D, - 5.

Stars marked R in column I were measured by MC in course of the revision.

L measured from 1, 112, 208, 317.

C " " 59, 161, 263, 354.

C.P.D. 49°.6136, not on plate.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
31-90						91-150						151-210					
3I	-51.129	-24.776	1.00	51.6117	9.6	9I	-34.628	+42.133	-1	50.6126	9.8	15I	-18.421	-39.606	-5	...	...
...	51.059	+25.924	-5	50.6088	10.2	...	34.477	+29.053	-3	50.6125	10.0	a	17.424	+0.241	-5	50.6150	10.2
...	50.673	+48.632	-5	50.6092	9.8	...	34.382	-11.526	0.80	51.6135	9.6	...	17.275	-25.257	-5	51.6155	10.2
...	50.221	+1.547	-3	50.6089	10.0	*	34.183	-7.571	1.00	50.6124	9.6	*	17.040	-52.510	1.30	51.6156	9.0
...	50.171	+43.693	-5	50.6093	10.0	...	33.796	+14.731	-2	50.6127	10.0	...	16.736	-32.757	-1	51.6157	9.6
...	49.965	-6.655	-5	50.6090	10.2	...	-33.381	-6.437	-5	50.6128	10.2	R	-16.130	-59.682	-5	51.6158	10.2
...	49.915	+45.922	-5	50.6094	9.8	...	32.760	-41.534	-5	...	...	...	15.581	-56.445	-5	51.6160	10.0
...	49.659	+43.691	-2	50.6095	9.8	*	32.410	+38.161	1.30	50.6130	8.8	...	15.412	+25.318	0.90	50.6151	9.6
...	49.168	-39.021	1.00	51.6118	9.4	...	32.295	+33.848	-1	50.6131	9.8	...	15.237	-46.621	-5	...	...
...	49.048	+7.621	-2	50.6096	9.8	...	32.147	+7.263	-3	50.6129	10.0	...	14.985	+0.649	1.00	50.6152	9.4
4I	...	...	...	...	...	10I	...	...	...	...	...	16I	...	...	...	...	...
...	-48.964	+35.068	-4	50.6097	10.0	...	-31.835	-27.237	-2	51.6137	10.0	S *	-14.668	+2.579	1.20	50.6153	8.8
R	48.526	+32.252	-5	50.6098	10.2	...	31.820	+2.658	-5	50.6132	10.2	...	13.700	+19.027	-1	50.6154	10.0
*	48.514	-23.586	1.35	51.6119	9.0	...	31.648	-18.036	-5	...	...	...	12.924	+27.836	-3	50.6155	10.2
...	48.073	-29.022	-2	51.6120	10.0	...	31.480	+3.484	-4	50.6133	10.0	S *	12.862	+43.236	2.40	50.6156	8.0
...	47.994	+3.143	-4	50.6099	10.2	...	31.120	+46.247	-4	50.6134	10.0	*	12.584	-31.617	1.40	51.6161	8.8
S *	-47.982	+29.098	1.85	50.6100	8.4	R	-31.004	+35.778	-5	50.6135	10.2	...	-12.504	+51.304	-5	50.6157	10.2
...	47.901	-58.982	-5	...	...	...	30.813	-14.558	-5	...	...	*	12.469	-37.103	1.25	51.6162	8.8
...	47.094	-14.855	-5	...	...	...	30.781	+32.856	-5	50.6136	10.2	...	12.369	-37.914	-5	51.6164	10.2
*	46.760	-5.589	1.20	50.6101	9.0	*	30.653	+38.510	1.15	50.6137	9.4	...	12.002	+42.374	-3	50.6158	10.0
...	46.596	+43.488	-4	50.6102	9.8	...	30.409	-58.173	-4	51.6138	10.2	...	11.759	-24.410	-4	51.6165	10.2
5I	...	...	...	...	...	III	...	...	...	...	...	17I	...	...	...	...	...
...	-46.504	-23.057	-5	51.6121	10.2	...	-29.988	+58.947	-5	49.6170	10.0	*	-11.433	-30.230	1.15	51.6166	9.0
...	46.209	-2.184	-5	...	...	...	29.637	+52.075	-4	50.6138	10.0	*	11.382	+50.240	1.05	50.6159	9.0
...	45.274	+13.561	1.00	50.6103	9.4	*	29.552	-56.074	1.20	51.6139	9.2	...	11.049	+3.942	-4	50.6160	10.0
...	45.214	+49.281	-4	50.6105	9.8	R	29.307	+40.054	-5	50.6139	10.2	...	10.992	-56.554	-5	...	...
...	45.205	-44.476	-2	51.6122	9.8	...	29.251	-51.947	-5	51.6141	10.2	...	10.436	+52.647	-5	49.6106	10.2
*	-44.937	+51.220	1.25	50.6106	9.0	...	-29.075	+46.047	-1	50.6140	9.6	*	-10.275	-38.630	1.40	51.6168	8.8
†	44.878	-21.471	-4	51.6123	10.2	...	28.860	-56.364	-1	51.6142	9.6	...	10.084	+58.424	-3	49.6197	9.8
†	44.823	+1.074	1.00	50.6104	9.4	*	28.810	-9.367	1.15	51.6143	9.0	...	9.634	-43.802	0.95	51.6169	9.8
...	44.421	+13.911	-1	50.6107	9.8	...	28.381	+24.545	-4	50.6141	10.2	*	9.518	+19.355	1.00	50.6161	9.4
*	44.175	+46.107	1.50	50.6108	8.8	...	28.195	+29.562	-5	50.6142	10.2	...	8.450	-7.377	-2	50.6162	10.0
6I	...	...	...	...	...	12I	...	...	...	...	...	18I	...	...	...	...	...
...	-43.651	-37.588	-4	51.6126	10.2	...	-27.807	+21.472	-5	...	...	...	-7.259	+19.339	-5	50.6163	10.2
...	43.632	-47.876	-4	51.6124	10.2	...	26.805	-13.699	-4	51.6145	10.2	...	7.085	+42.393	0.85	50.6164	9.6
...	43.483	-54.693	-5	51.6125	10.2	...	26.704	-43.774	-4	51.6144	10.2	...	7.057	+25.292	-4	50.6165	9.8
R	43.230	-54.553	-5	51.6127	10.2	...	26.625	+8.573	-3	50.6143	10.0	...	6.974	-27.356	0.90	51.6171	9.6
*	43.109	+43.220	1.05	50.6109	9.3	...	26.558	+39.348	-1	50.6144	9.6	R	6.600	+18.989	-5	50.6166	10.2
S *	42.703	-15.656	2.05	51.6128	8.2	...	-25.963	-22.368	-5	...	...	*	-6.396	-43.749	1.00	51.6172	9.4
...	42.418	+31.405	-5	50.6111	10.2	...	25.104	-49.517	-5	51.6146	10.2	...	6.292	-57.872	-1	51.6173	9.8
...	42.235	+13.643	-3	50.6110	10.0	...	25.019	-3.665	-5	50.6145	10.2	S *	5.920	-16.081	1.00	51.6174	9.4
...	41.715	-47.628	0.85	51.6129	9.6	R †	24.832	-34.892	-5	51.6147	10.2	...	5.741	+46.452	1.00	50.6167	9.6
...	40.719	+47.709	1.00	50.6113	9.4	...	24.521	-49.609	-5	51.6148	10.2	...	4.668	-12.773	-4	51.6176	10.0
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
*	-40.491	+17.126	1.10	50.6112	9.0	...	-23.488	-20.913	-5	...	...	RN	-4.428	-8.296	-5	51.6177	10.2
...	40.189	+36.938	-4	50.6114	10.0	...	23.407	+54.074	-2	49.6178	9.6	...	4.309	+32.884	0.80	50.6168	9.8
...	39.997	+8.031	-5	...	...	...	23.162	-15.172	-5	...	...	†	3.922	-34.887	-5	51.6178	10.0
...	39.690	+20.607	-3	50.6115	9.8	...	22.834	+56.762	-5	49.6179	10.2	...	3.186	-25.892	-5	...	...
...	39.557	+15.841	0.80	50.6116	9.6	S *	22.601	-52.533	1.25	51.6150	8.8	R	3.049	-6.532	-5	...	...
...	39.538	-47.561	-5	51.6131	10.2	...	-22.337	+33.042	-5	50.6146	10.2	...	-2.661	+50.407	-3	50.6169	9.8
...	39.088	+5.982	-4	50.6117	10.0	...	22.316	-43.618	-5	51.6151	10.2	...	2.468	+29.217	0.65	50.6170	9.6
...	38.845	-6.647	-5	50.6118	10.2	*	22.119	-36.722	1.00	51.6152	9.6	*	2.328	+18.470	1.05	50.6171	9.4
*	38.845	-19.639	2.00	51.6132	8.2	...	22.098	-18.052	-5	...	...	...	2.135	-50.362	-3	51.6180	10.0
...	38.037	+34.775	-2	50.6119	9.8	...	21.800	-53.201	-5	...	...	...	1.766	+16.217	-3	50.6172	10.2
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
...	-37.934	-21.926	-5	...	...	*	-21.679	-30.124	1.20	51.6153	8.8	...	-1.593	-21.244	-5	...	...
...	37.630	+54.083	-4	49.6161	10.0	...	21.665	-27.333	-5	...	...	...	1.215	+31.070	0.75	50.6173	9.8
...	36.773	+21.126	-3	50.6120	9.8	...	20.702	+30.611	-5	50.6147	10.2	...	1.065	-50.784	-4	51.6181	10.2
...	36.709	-10.549	-5	...	...	...	20.424	+20.182	-5	...	...	...	0.670	+30.129	0.65	50.6174	9.8
*	36.687	+30.412	1.20	50.6121	9.0	...	20.400	+34.771	-1	50.6148	9.8	...	0.489	+28.291	-5	m	...
...	-36.463	-51.359	0.75	51.6133	9.6	*	-19.307	-22.071	1.05	51.6154	9.3	*	-0.479	+47.064	1.15	50.6175	9.4
...	35.879	-5.680	-5	...	...	*	18.881	+44.773	1.00	50.6149	9.4	...	-0.258	+8.087	-5	m	...
R	35.424	+37.282	-5	50.6122	10.2	...	18.604	+33.763	-5	...	...	...	+0.193	+31.788	-5	50.6176	10.0
†	34.742	-29.886	1.10	51.6134	9.0	...	18.533	-49.972	-4	...	...	...	1.273	-23.989	-4	51.6183	10.0
*	34.657	-5.403	0.95	50.6123	9.6	...	18.471	+38.470	-5	...	...	R	1.379	+55.159	-5	49.6209	10.2

M
 § 105 = D. - 5.
 191. Extremely faint.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.				
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.			
211-270						271-330						331-390								
21I	+	1.465	+17.471	1.30	50.6177	8.8	27I	+	17.120	+40.611	-5	50.6205	10.2	33I	+	36.513	+20.218	1.00	50.6236	9.4
R	+	1.660	+54.074	-5	...	...	R	+	17.338	+53.994	1.25	49.6234	9.1	*	...	36.772	+18.801	-3	51.6226	10.0
...	+	1.797	+57.543	-5	...	...	...	+	17.511	+17.034	-4	51.6204	10.2	...	...	38.387	+48.343	1.00	50.6237	9.2
...	+	1.894	+59.339	-5	...	...	...	+	17.807	+28.631	-4	50.6206	10.2	*	...	38.985	+57.872	2.50	49.6269	8.3
R	+	2.012	+57.001	-5	49.6211	10.2	...	+	17.855	+0.346	-5	...	...	...	...	38.986	+30.902	1.00	50.6238	9.4
...	+	2.235	+36.813	-5	...	...	...	+	17.861	+43.873	0.90	51.6205	9.8	...	...	39.123	+15.942	1.00	51.6227	9.6
...	+	2.329	+10.274	-5	m	...	...	+	18.407	+15.825	-5	...	...	*	...	39.247	+50.130	1.00	51.6228	9.4
...	+	2.387	+7.225	-5	...	...	...	+	19.501	+45.409	-4	51.6206	10.0	...	...	39.470	+37.553	-5	50.6239	10.2
...	+	2.494	+47.338	1.00	50.6178	9.6	...	+	19.533	+5.141	0.65	50.6207	9.8	...	...	39.824	+47.526	-4	51.6229	9.6
...	+	2.608	+58.894	-5	51.6185	10.2	...	+	19.922	+7.318	1.20	50.6208	8.8	†	...	39.860	+48.812	1.00	51.6230	9.3
22I	+	2.724	+49.378	-3	51.6186	10.0	28I	+	20.804	+26.269	-5	50.6209	10.2	34I	+	40.323	+42.486	-5	51.6231	10.2
...	+	2.920	+21.082	-4	51.6187	10.2	S *	+	20.843	+2.627	2.95	50.6210	7.9	...	...	40.529	+48.699	1.10	50.6240	8.8
...	+	3.211	+26.431	-5	...	...	...	+	20.943	+26.131	-5	...	...	...	...	40.623	+0.611	-4	50.6241	10.0
...	+	3.374	+42.612	-3	50.6179	10.0	...	+	21.100	+17.900	-3	50.6211	10.2	*	...	41.035	+52.106	1.45	51.6233	8.6
...	+	3.605	+42.088	1.30	50.6180	8.6	...	+	21.185	+57.028	0.85	51.6207	9.6	...	...	41.119	+27.132	-3	50.6242	9.8
R	+	3.621	+6.773	-4	50.6181	10.0	...	+	21.201	+13.796	-5	...	...	...	...	41.539	+23.304	-5	...	...
...	+	3.672	+16.449	-5	51.6189	10.2	...	+	21.858	+8.638	-1	50.6212	9.8	...	...	41.697	+4.669	-3	50.6244	10.0
...	+	3.789	+37.227	0.95	51.6188	9.8	R	+	22.384	+52.638	-5	49.6242	10.2	...	...	41.846	+38.732	-1	50.6243	9.6
...	+	4.218	+2.220	-5	50.6182	10.0	...	+	22.438	+30.812	-3	50.6213	10.2	...	...	42.267	+19.481	-4	50.6245	10.0
...	+	4.224	+50.408	-5	51.6190	10.2	...	+	22.654	+14.548	-3	51.6209	10.0	...	...	43.001	+2.650	-5	...	...
23I	+	5.227	+54.016	-3	51.6191	10.0	29I	+	22.833	+13.937	-3	50.6214	10.0	35I	+	43.132	+7.481	-3	50.6246	10.2
...	+	5.239	+27.170	-3	51.6192	10.0	...	+	23.117	+37.451	0.80	51.6210	9.6	*	...	44.171	+11.340	1.00	51.6234	9.4
*	+	5.626	+21.395	1.00	50.6183	9.6	S *	+	23.357	+24.366	2.05	50.6215	8.3	...	...	44.376	+33.750	-5	51.6235	10.2
...	+	5.853	+35.754	-5	51.6193	9.3	...	+	23.690	+33.907	-3	50.6216	10.0	...	...	45.185	+18.025	-5	...	...
...	+	5.947	+35.630	1.00	51.6193	9.3	...	+	23.948	+5.202	-4	50.6217	10.0	...	...	45.239	+55.312	-5	51.6236	10.2
...	+	6.165	+37.886	-2	51.6194	9.8	...	+	24.071	+24.951	-4	50.6218	10.2	...	...	45.695	+26.285	-4	51.6237	10.2
...	+	6.978	+19.773	-4	50.6184	10.2	...	+	24.216	+3.381	-5	50.6219	10.2	...	...	45.888	+29.093	0.85	51.6238	9.8
...	+	7.117	+14.807	-4	50.6185	10.2	...	+	24.359	+29.161	-4	50.6220	10.0	...	...	46.210	+16.007	-5	...	...
...	+	7.444	+35.352	-5	50.6187	10.2	...	+	24.613	+44.448	-5	...	...	...	...	46.330	+38.173	1.00	51.6239	9.6
...	+	7.506	+31.277	-3	50.6186	10.2	...	+	25.157	+19.569	-3	50.6221	10.0	...	...	46.596	+50.117	-5	51.6240	10.2
24I	+	7.802	+15.784	0.95	50.6188	9.6	30I	+	25.181	+56.974	-4	51.6212	10.0	36I	+	48.004	+6.794	1.00	50.6247	9.4
...	+	8.682	+16.139	-4	51.6195	10.0	S *	+	25.206	+41.994	2.70	51.6213	7.9	*	...	48.312	+24.599	1.00	50.6248	9.3
*	+	8.700	+32.596	1.10	51.6196	9.0	...	+	25.648	+20.968	1.00	51.6214	9.4	...	...	48.770	+14.303	-5	51.6242	10.2
...	+	8.746	+50.343	-3	51.6197	10.0	...	+	26.050	+38.005	-5	...	...	...	...	49.187	+15.068	0.65	51.6243	9.8
*	+	8.776	+50.396	1.25	50.6189	9.0	...	+	26.187	+3.169	0.90	50.6222	9.6	...	...	49.202	+52.912	0.90	51.6244	9.6
...	+	9.184	+20.363	-3	50.6190	10.0	...	+	26.290	+43.667	-5	...	...	...	...	49.204	+0.686	-4	50.6251	10.2
...	+	9.279	+56.050	-1	49.6220	9.6	...	+	27.574	+14.668	0.65	51.6215	10.0	...	...	49.376	+18.862	0.95	50.6250	9.6
*	+	9.382	+12.280	1.25	50.6191	8.8	...	+	28.019	+7.152	-4	50.6223	10.2	S *	...	49.742	+43.945	1.20	50.6249	9.0
R	+	9.841	+47.701	-5	50.6192	10.2	...	+	28.936	+1.686	-2	50.6225	10.0	†	...	49.871	+27.921	1.00	50.6252	9.6
†	+	9.948	+40.521	1.00	50.6193	9.1	...	+	28.937	+45.021	1.25	50.6224	8.8	R	...	50.533	+44.444	-5	50.6253	10.2
25I	+	10.220	+1.659	-3	50.6194	9.8	31I	+	28.938	+51.701	0.75	51.6216	9.8	37I	+	51.739	+26.696	-5	...	...
...	+	11.175	+50.142	-5	50.6195	10.2	...	+	29.473	+6.306	-5	...	...	e	...	51.926	+52.268	-5	51.6245	10.2
...	+	11.647	+6.748	-3	50.6196	10.0	...	+	29.683	+21.634	-4	51.6218	10.2	...	...	52.226	+12.448	-5	...	...
*	+	11.819	+9.057	1.00	50.6197	9.4	...	+	29.714	+15.793	-5	51.6217	10.2	...	...	52.256	+53.832	-5	49.6292	10.0
*	+	12.014	+1.692	1.45	50.6198	8.6	...	+	29.749	+37.356	-4	50.6226	10.2	...	...	52.355	+51.672	-1	50.6254	9.1
...	+	13.085	+8.488	-5	51.6198	10.0	R	+	29.905	+48.466	-4	50.6227	10.0	...	...	52.441	+51.561	-1	...	...
*	+	13.766	+48.762	1.20	50.6199	9.0	*	+	30.237	+8.016	1.05	50.6228	9.2	e	...	53.145	+33.995	-5	51.6247	10.2
...	+	13.791	+11.452	-5	...	...	†	+	30.793	+10.006	-4	50.6229	10.2	e	...	53.229	+9.125	-5	51.6246	10.2
...	+	13.995	+18.408	-3	50.6200	10.0	...	+	31.245	+53.106	-5	51.6219	10.2	e	...	53.481	+30.282	-5	51.6248	10.2
...	+	14.138	+25.473	-5	51.6199	10.2	R	+	31.549	+49.453	-5	51.6220	10.2	†	...	54.913	+46.964	1.40	50.6255	9.0
26I	+	14.608	+51.512	1.30	50.6201	9.0	32I	+	31.689	+22.994	-3	50.6230	10.2	38I	+	55.074	+42.943	-5	51.6249	10.2
*	+	14.644	+33.181	-5	...	...	...	+	32.416	+44.549	1.05	51.6221	9.3	e	...	55.092	+40.961	0.65	50.6256	9.6
*	+	15.800	+46.808	1.10	50.6202	9.0	...	+	32.885	+47.720	-1	50.6231	9.8	...	...	55.752	+25.004	-4	50.6261	10.2
...	+	15.831	+1.448	0.85	50.6203	9.4	...	+	33.041	+1.472	-5	50.6232	10.2	...	...	55.820	+45.371	-2	50.6259	9.6
*	+	15.874	+58.940	1.20	51.6201	9.4	*	+	33.792	+7.359	1.00	50.6233	9.2	...	...	55.832	+46.340	-3	50.6260	9.8
*	+	16.042	+8.322	1.15	51.6200	9.1	...	+	34.539	+10.823	-4	51.6222	10.2	...	...	57.225	+29.572	-3	50.6262	10.0
...	+	16.457	+17.368	-1	51.6202	9.6	†	+	35.073	+50.596	-1	50.6234	9.4	S e *	...	57.453	+9.458	2		

§ 10.5 = D, - 5.

C.P.D. 50°.6257, obscured by réseau; not measurable.

.. 50°.6258, not on plate.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	§	No.	Mag.
391-394					
391	+58.948	+25.463	- 3	50.6265	10.0
... S *	59.214	+13.537	1.35	50.6267	8.8
e	59.431	-41.637	- 5	51.6254	10.0
e *	59.615	-15.229	1.10	51.6252	9.2

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	...	No.	Mag.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	...	No.	Mag.

§ 10.5 = D, - 5.
C.P.D. 50.6266, too faint to measure.

1-40						41-80						81-120					
I	-59.898	+40.871	-2	50.6256	9.6	41	-49.049	+12.411	-4	...	...	81	-39.006	-4.683	1.00	50.6286	9.6
E	59.706	-9.255	-3	51.6246	10.2	...	49.043	+33.129	1.60	50.6273	9.0	S †	38.301	+29.235	4.00	50.6287	7.0
...	59.392	+40.743	-5	50.6258	10.2	...	48.860	-46.722	-5	51.6258	10.2	...	37.777	+39.108	-5	...	...
...	59.376	+46.271	-3	50.6260	9.8	...	48.510	-30.785	-1	51.6259	10.2	...	37.617	-1.499	-3	...	...
...	59.346	+45.306	-2	50.6259	9.6	...	48.278	+47.531	-4	50.6276	9.8	...	37.553	+35.355	-4	...	...
E	-59.253	-52.424	-4	51.6245	10.2	...	-48.083	-34.317	-3	51.6261	10.2	...	-37.477	-5.399	-3	...	...
...	58.928	+12.397	-3	50.6257	10.2	...	47.894	+19.425	0.85	50.6275	9.8	...	37.090	+0.027	-2	...	...
E	58.772	-34.115	-3	51.6247	10.2	...	47.856	-59.635	-2	51.6260	10.0	*	36.829	-44.993	1.70	51.6271	8.5
E	58.611	-30.384	-4	51.6248	10.2	*	47.664	+47.317	1.60	50.6277	9.0	...	36.607	-58.513	1.00	51.6270	9.6
...	58.572	+24.952	-3	50.6261	10.2	*	47.514	-7.647	1.00	50.6274	9.4	*	36.286	-14.878	1.05	51.6273	9.4
II	...	...	...	...	...	51	...	...	...	...	...	91	...	...	...	...	...
...	-58.268	-16.119	-5	...	...	...	-47.190	+12.047	-3	...	...	*	-36.243	-51.170	1.00	51.6272	9.6
...	57.641	-35.883	-5	p	...	...	47.012	-31.798	-5	...	...	*	35.925	-21.835	1.00	51.6274	9.6
...	57.290	+29.569	-2	50.6262	10.0	...	46.500	+48.779	-4	50.6278	10.0	...	35.766	-2.478	0.75	50.6288	10.0
E	56.467	-42.966	-4	51.6249	10.2	...	46.027	+14.032	-5	...	...	...	35.212	-46.988	-1	51.6275	10.0
...	56.439	+34.535	-5	...	...	...	45.950	-14.351	-5	p	...	...	35.134	-30.733	-5	...	...
*	-56.131	+15.417	1.10	50.6263	9.6	...	-45.915	+37.355	-4	50.6279	10.2	...	-34.796	+52.886	-5	49.6328	10.2
...	55.940	+16.501	-2	50.6264	9.8	...	45.737	-3.907	-5	...	...	...	34.683	+26.806	-5	...	...
...	55.679	+39.466	-5	50.6266	10.2	...	45.289	-48.929	1.00	51.6262	9.8	*	34.618	+48.553	1.50	50.6290	9.0
...	55.540	+8.776	-3	...	...	...	45.262	-29.905	-5	...	...	...	34.429	-26.850	-3	...	...
SE *	55.465	-9.421	2.45	51.6250	7.9	...	45.257	+14.508	0.65	...	...	...	34.382	+16.983	0.80	50.6289	10.2
21	...	...	...	...	...	61	...	...	...	...	...	101	...	...	...	...	...
...	-55.411	+25.540	-1	50.6265	10.0	†	-45.040	-1.851	-5	...	...	...	-34.363	+54.864	-5	49.6330	10.2
†	54.929	-25.289	-5	...	...	*	45.010	-25.832	1.00	51.6263	9.4	*	33.658	-17.576	1.00	51.6277	9.8
...	54.788	+40.158	-5	50.6268	10.2	...	44.698	+19.449	-4	...	...	*	33.179	-47.200	1.40	51.6276	8.8
S *	54.648	+13.634	1.35	50.6267	8.8	...	42.993	-21.922	0.85	51.6265	10.0	...	32.484	-18.693	-4	...	...
E *	53.070	-15.099	1.00	51.6252	9.2	...	42.873	+38.763	-5	...	...	...	32.280	-19.390	0.85	51.6279	10.0
*	-52.948	+55.916	1.35	49.6303	9.3	*	-42.740	+41.488	1.35	50.6281	9.0	...	-32.210	+41.972	-2	50.6291	10.2
...	52.351	+26.095	-2	50.6269	10.0	...	42.700	-49.185	-1	51.6264	10.0	...	32.009	-53.842	-4	51.6278	10.2
E	52.165	-41.494	-3	51.6254	10.0	*	42.641	-7.512	2.00	50.6280	8.0	...	31.890	-16.354	0.80	51.6281	10.0
*	51.932	-25.490	1.00	51.6255	9.6	*	41.690	+13.113	0.95	50.6282	9.8	...	31.788	-12.840	-2	51.6282	10.2
...	51.755	+34.535	-1	50.6270	9.6	S *	41.386	-36.019	2.05	51.6266	8.1	...	31.631	+16.667	0.95	50.6292	9.8
31	...	...	...	...	...	71	...	...	...	...	...	111	...	...	...	...	...
...	-51.497	-14.448	-4	...	...	...	-41.363	-51.857	-5	...	...	...	-31.598	-50.905	-3	51.6280	10.2
*	51.289	+42.443	3.00	50.6271	7.4	...	41.339	-9.282	-5	...	...	†	31.337	+29.364	1.00	50.6293	9.6
...	51.198	-24.007	-4	...	...	...	41.108	-1.155	0.85	50.6283	10.0	...	30.479	-50.012	-3	51.6285	10.2
...	51.186	-17.017	-4	...	...	...	40.702	-11.902	-3	...	...	...	30.376	-26.706	-5	p	...
...	51.175	-4.182	-5	...	...	...	40.447	-22.537	-2	51.6267	10.2	...	30.363	-60.150	-4	51.6284	10.2
*	-50.011	-21.006	1.10	51.6257	9.6	...	-40.414	-18.783	-4	...	...	...	-29.442	-11.319	0.70	51.6286	10.2
...	50.007	-19.872	0.80	51.6256	9.8	...	39.921	+25.707	-5	B	...	...	29.267	-29.595	-5	...	...
...	49.987	-48.022	-5	...	...	...	39.671	-6.560	0.65	50.6284	10.2	...	28.775	+26.969	-5	...	...
...	49.903	+1.576	0.75	50.6272	10.2	*	39.474	+4.888	1.00	50.6285	9.6	...	28.643	+9.151	0.70	...	...
†	49.791	-46.905	-4	...	...	...	39.121	-51.854	-3	51.6268	10.2	...	28.586	-19.620	0.90	51.6288	10.2

L measured from 1, 161, 355.
C " " 77, 251, 468.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	δ .		No	Mag.		α .	δ .		No	Mag.		α .	δ .		No	Mag.
121-180						181-240						241-300					
121	-28°550	+22°444	-5	...	...	181	-16°581	-45°942	-5	...	...	241	-3°217	+35°280	1°00	50.6322	9.8
...	28°480	-32°294	0.85	51.6287	10.0	†	16°466	+4°400	0.80	...	...	*	1°747	+16°917	1°00	50.6323	9.6
...	28°157	+34°039	-5	...	...	...	16°171	-16°326	-3	...	...	...	1°622	+26°231	-5	Mm	...
*	27°591	-36°854	1.10	51.6289	9.6	...	16°118	+24°961	0.80	50.6307	10.2	*	1°553	-30°097	1°00	51.6317	9.6
...	27°508	+48°297	-2	50.6294	10.0	...	16°047	+40°211	-2	50.6308	10.2	...	1°258	+19°804	0.65	50.6324	10.2
...	-27°013	+21°904	-2	50.6295	10.2	*	-15°921	-31°793	1.15	51.6307	9.2	...	-1°090	+45°812	0.95	50.6326	9.8
...	26°915	-7°212	-4	...	...	S *	15°846	+4°100	5.00	50.6306	6.6	*	1°042	+27°033	0.95	50.6325	10.0
...	26°879	-30°558	-3	51.6290	10.2	...	15°468	-17°524	-3	...	...	*	0°977	-36°405	0.90	...	...
...	26°720	+2°541	-4	B	...	...	14°960	+17°184	-5	B	...	...	0°877	+31°240	-4	...	...
...	26°634	-28°480	0.65	51.6291	10.2	*	14°934	+3°765	1.00	50.6309	9.6	...	-0°771	+48°919	1.15	50.6327	9.4
131	-26°462	-21°773	-3	51.6293	10.2	191	-14°797	+9°902	-2	50.6310	10.2	251	+0°008	-33°147	-5	...	...
†	26°255	-60°386	-1	51.6292	10.0	...	13°817	+35°676	1.15	50.6311	9.3	...	0°015	+51°704	-5	...	...
...	26°058	+18°468	-5	B	...	*	13°605	-3°986	-5	...	...	*	0°634	+30°542	1.10	50.6328	9.4
...	25°865	+37°775	-5	...	...	...	13°503	-21°291	-3	...	...	*	0°777	+44°567	1.00	50.6329	9.8
*	25°757	+24°847	1.00	50.6297	9.8	...	13°308	+34°913	0.80	50.6312	10.0	*	1°035	-22°126	1.10	51.6318	9.4
...	-25°747	-43°151	-1	51.6294	10.2	*	-13°031	+39°664	1.00	50.6313	9.6	...	+1°100	+43°077	-4	...	...
*	25°678	+9°019	1.00	50.6296	9.6	†	13°009	+19°342	0.70	...	...	...	1°565	+30°643	0.90	50.6330	9.8
...	25°406	+6°655	-3	...	...	...	11°978	+47°956	-3	50.6316	10.2	...	1°660	-4°365	-4	...	...
...	25°298	+29°956	0.85	50.6298	10.0	...	11°904	-2°524	-5	p	...	...	2°236	+7°403	0.70	50.6331	10.2
...	25°091	-39°695	0.80	51.6295	10.2	...	11°841	+8°165	0.85	50.6314	9.8	...	2°316	+30°487	0.80	50.6332	10.0
141	-24°512	+57°134	-5	...	...	201	-11°758	-3°652	1.00	50.6315	9.6	261	+2°994	+8°804	0.90	50.6333	9.8
...	24°459	-13°364	1.00	51.6298	10.0	...	11°725	+25°750	-3	...	...	...	3°054	+42°170	-3	...	...
*	24°183	+8°750	-5	D	...	...	11°469	-24°591	-5	...	...	S *	3°204	+46°192	1.40	50.6334	8.8
†	24°113	-45°434	-3	51.6296	10.2	S *	11°063	-46°103	3.20	51.6308	7.2	...	3°282	+19°699	-3	...	...
*	24°086	-43°548	1.05	51.6297	9.4	...	11°013	-33°134	-2	...	...	†	3°391	-40°312	-3	...	...
...	-23°959	-42°486	-1	51.6299	10.0	*	-10°740	-59°144	2.40	51.6309	8.2	...	+3°538	+27°803	1.00	50.6335	9.8
S *	23°530	+39°785	1.15	50.6299	9.3	...	10°563	-50°730	-4	...	...	*	3°683	-26°075	1.20	51.6319	9.0
...	23°271	+56°049	2.20	49.6343	8.5	...	9°793	-10°935	0.90	51.6310	10.0	...	3°754	+57°084	-3	49.6384	10.2
...	22°951	+46°736	-4	...	...	...	9°627	+27°974	-5	...	...	*	3°942	-23°933	0.90	51.6320	9.8
...	22°470	-52°370	-1	51.6300	10.2	*	9°467	+19°051	0.95	50.6317	9.8	...	4°151	+30°307	-5	b	...
151	-22°282	-59°951	-4	51.6301	10.2	211	-9°383	-40°549	-5	...	...	271	+4°270	+7°806	1.00	50.6336	9.8
...	22°138	+34°510	-5	B	...	...	9°380	-6°003	-4	...	...	*	4°585	+33°004	0.80	50.6337	10.2
...	21°945	-13°913	-3	...	...	...	9°324	-51°691	-3	...	...	...	4°671	-13°633	-4	...	...
...	21°620	+50°669	-5	...	...	...	8°981	+38°252	-5	...	...	...	5°086	-23°817	-4	...	...
...	21°563	-22°991	-4	...	...	...	8°966	-31°147	-5	...	...	...	5°222	+10°378	-4	b	...
...	-21°150	+58°354	-4	...	...	...	-8°749	+32°597	-3	...	...	...	+5°324	+2°452	0.65	...	...
*	21°127	-48°350	2.30	51.6302	7.8	...	8°683	+42°918	-4	...	...	...	5°352	-56°810	-5	...	...
*	21°094	+10°705	1.00	50.6300	9.4	†	8°472	+34°431	1.00	50.6318	9.6	...	5°366	-54°589	-3	51.6321	10.2
*	20°555	+37°244	1.25	50.6301	8.8	...	8°198	+8°719	0.80	50.6319	10.2	*	5°789	-25°013	1.35	51.6323	8.8
...	20°353	+46°114	-3	...	...	...	7°792	+22°391	-5	M	...	...	5°854	-59°433	1.20	51.6322	9.0
161	-20°209	+58°203	-2	49.6348	10.0	221	-7°649	+10°554	-3	A	...	281	+6°010	+50°640	1.30	50.6338	9.4
†	19°834	+27°767	-2	...	...	...	6°757	-27°572	1.10	51.6311	9.3	...	6°082	+32°935	0.80	50.6339	10.0
...	19°687	-18°684	-5	...	...	*	6°659	-32°282	-1	51.6312	10.2	...	7°221	-13°997	-5	...	...
*	19°645	+57°232	1.00	49.6351	9.8	...	6°304	-37°699	-5	p	...	*	7°299	+47°704	1.40	50.6340	9.0
...	19°425	-28°085	-3	...	...	...	5°591	+3°948	-5	M	...	...	7°341	+14°784	-4	...	...
...	-19°386	+44°024	-5	...	...	...	-5°505	+42°672	-5	...	...	...	+7°577	-23°797	-5	...	...
...	19°073	+3°515	-5	B	...	...	5°411	-52°661	-3	...	...	...	7°969	-31°954	0.75	51.6324	10.0
...	18°935	+37°494	-3	50.6302	10.2	*	5°271	-18°015	1.00	51.6313	9.6	*	8°025	-50°481	1.20	51.6325	9.3
...	18°751	-29°871	-5	...	...	†	5°237	+44°076	-3	50.6320	10.2	...	8°135	+39°538	-2	50.6341	10.2
...	18°451	+48°601	-4	...	...	...	5°170	-7°786	-3	...	...	...	8°180	-52°927	-5	...	...
171	-18°183	+38°855	-5	A	...	231	-5°023	+11°983	-5	M	...	291	+8°257	-4°602	1.00	50.6342	9.6
*	17°845	-55°936	1.05	51.6304	9.6	...	4°735	-11°013	-5	...	...	*	8°582	-20°219	1.10	51.6326	9.3
...	17°752	+7°576	neb	50.6303	neb	...	4°626	-41°512	-3	...	...	*	8°737	+19°883	1.00	50.6343	9.8
...	17°702	-49°622	1.00	51.6305	9.6	...	4°616	-36°822	0.80	51.6314	10.2	...	8°996	-35°513	-2	51.6327	10.2
*	17°463	-12°601	2.00	51.6306	8.6	...	4°521	+15°765	-5	M	...	...	9°295	-33°913	-3	...	...
...	-17°181	+8°035	0.80	50.6304	9.8	...	-4°420	-18°066	-4	...	...	...	+9°343	-41°365	-5	...	...
...	17°042	-17°713	-5	...	...	...	4°180	+22°612	-5	M	...	...	9°443	-11°435	0.70	51.6328	10.2
...	16°727	-17°858	-5	...	...	...	4°073	+45°485	1.00	50.6321	9.6	...	9°597	+0°993	-4	b	...
...	16°719	+2°953	0.70	50.6305	10.2	*	3°570	-9°078	1.00	51.6316	9.3	†	9°789	+30°724	-5	m	...
...	16°712	-14°208	-2	...	...	*	3°540	-34°141	1.00	51.6315	9.6	...	9°901	+52°407	1.00	50.6344	9.8

161. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
301-360						361-420						421-480					
30I	+10.126	-18.772	1.00	51.6329	9.6	36I	+21.507	+13.855	-2	...	...	42I	+33.001	+50.440	-5	...	...
*	10.334	+48.676	1.20	50.6345	9.6	...	21.614	-7.402	-3	...	...	...	33.604	-52.196	-3	51.6364	10.2
...	10.348	+45.399	-5	...	...	...	21.631	+19.853	0.85	50.6364	10.2	...	33.638	+52.175	-2	50.6377	10.0
...	10.434	-25.496	-4	...	...	...	21.902	+20.580	-3	...	...	...	33.673	-37.741	-3	...	...
...	10.740	+44.140	0.65	50.6346	10.2	...	22.327	-39.249	0.95	...	...	...	34.005	-45.123	-3	...	...
...	+11.267	-9.212	0.70	51.6330	10.2	...	+22.633	+6.640	-5	m	...	...	+34.073	+0.124	-5	m	...
...	11.353	-33.279	-4	...	...	...	22.932	-33.358	0.80	51.6343	10.2	*	35.102	-36.686	1.00	51.6366	9.6
...	11.410	+8.436	-3	...	...	...	22.970	+3.593	-5	...	...	...	35.202	+23.104	-3	...	...
...	11.563	+47.169	-4	...	...	...	23.497	+40.774	-4	...	...	...	35.236	-5.123	-4	...	...
...	11.951	-1.031	-2	50.6347	10.2	*	23.698	+52.175	1.10	50.6365	9.6	...	35.255	-30.587	-5	p	...
31I	+12.021	+41.638	-3	...	...	37I	+23.722	+5.844	0.75	...	...	43I	+35.265	-3.613	1.00	50.6378	9.6
...	12.062	+47.684	0.85	50.6348	10.0	...	24.075	+6.324	-5	m	...	...	35.304	-1.467	-5	...	...
...	12.617	-43.305	-4	...	...	...	24.296	+30.239	-3	...	...	...	35.599	+27.500	-3	...	...
...	12.806	-55.156	-3	51.6331	10.2	...	24.299	+20.665	0.90	50.6366	10.2	...	35.775	+46.109	-5	50.6379	10.2
...	12.950	+57.889	-4	49.6389	10.2	...	24.592	-1.328	0.95	50.6368	10.0	...	35.991	+31.674	1.00	50.6380	9.8
...	+13.588	+5.904	0.70	50.6349	10.2	...	+24.770	-47.554	-3	...	...	...	+36.045	+32.058	-3	50.6381	10.2
*	13.967	+23.890	1.20	50.6350	9.4	†	24.867	-11.931	0.70	51.6344	10.2	...	36.057	+38.934	-5	...	...
...	13.995	-31.635	-4	...	...	...	24.941	+45.545	-2	50.6367	10.0	*	36.137	-30.924	0.90	51.6367	10.0
...	14.150	+2.110	-4	b	...	...	25.030	+27.428	-4	...	...	...	36.245	+19.896	-4	b	...
...	14.152	+38.200	-5	m	...	†	25.038	-39.559	0.75	51.6346	10.2	*	36.255	-37.357	1.05	51.6368	9.4
32I	+14.621	+5.310	-5	m	...	38I	+25.313	+37.694	-3	50.6369	10.2	44I	+36.630	+16.680	-3	...	...
S	15.009	+28.463	2.50	50.6351	8.1	*	25.476	-32.087	0.90	51.6348	9.6	*	36.687	-23.502	1.80	51.6369	8.6
S	15.020	-7.430	1.75	50.6352	8.5	...	25.746	+14.767	0.80	50.6370	10.2	...	36.728	-43.813	-5	...	...
*	15.021	-9.686	1.00	51.6333	9.8	*	25.753	-27.666	1.10	51.6349	9.1	...	36.755	-58.828	-5	51.6370	10.0
...	15.179	+26.312	-3	...	...	...	25.804	-23.461	-2	51.6351	10.2	...	36.790	-1.611	-3	...	...
...	+15.313	+26.620	-5	m	...	...	+25.892	-18.505	0.95	51.6350	9.8	...	+36.821	-13.851	-3	...	...
...	15.538	+43.106	-3	...	...	...	25.908	-11.603	-5	...	...	...	37.268	+21.765	-3	...	...
...	16.110	+8.730	-2	50.6353	10.2	...	26.098	+13.787	0.70	...	...	...	37.312	-8.734	-1	51.6371	10.2
...	16.386	-3.533	0.70	...	...	*	26.186	-45.709	1.90	...	...	...	37.491	-7.043	-5	...	...
...	16.460	+42.892	0.90	50.6354	10.2	...	26.273	-45.991	-2	51.6353	8.4	*	37.577	-19.919	1.35	51.6373	9.0
33I	+16.532	-0.598	1.00	50.6355	9.4	39I	+26.362	-25.352	0.75	51.6354	10.2	45I	+37.631	-24.429	-3	...	...
...	17.075	+38.912	0.90	50.6356	10.0	...	26.476	+32.801	0.75	50.6371	10.2	*	37.633	-12.726	1.05	51.6372	9.6
...	17.307	+53.182	-5	49.6396	10.2	...	26.504	-53.198	-3	51.6356	10.2	...	37.723	-37.690	-4	...	...
*	17.418	+49.841	1.10	50.6357	9.6	...	26.609	+15.979	-3	...	...	*	37.758	-37.915	2.00	51.6374	8.5
...	17.437	-57.779	-2	51.6334	10.2	...	26.740	-0.959	-5	p	...	...	38.171	+25.875	-5	m	...
...	+17.440	-6.919	-3	50.6358	10.2	...	+26.784	-16.891	0.85	51.6355	10.0	...	+38.242	-10.540	-5	...	...
...	17.660	+11.737	0.70	...	...	...	27.296	-27.216	-2	...	...	...	38.273	-14.156	-5	...	...
...	17.830	-3.829	-4	...	...	...	27.422	+41.152	-5	b	...	...	38.307	+6.624	-3	...	...
...	17.971	-25.535	-4	...	...	*	27.846	+25.695	1.25	50.6372	9.0	...	38.506	-41.148	-4	51.6376	10.2
...	17.993	-25.504	0.80	51.6335	10.0	...	27.977	-15.931	-3	...	...	...	38.567	+9.514	-3	...	...
34I	+17.989	+7.306	-4	b	...	40I	+28.000	+57.968	1.40	49.6407	9.0	46I	+38.716	-8.086	-3	51.6375	10.1
...	18.194	-48.801	1.00	51.6336	9.8	*	28.540	-19.357	1.05	51.6357	9.4	†	38.956	-40.243	0.95	51.6377	9.6
*	18.259	-50.708	2.00	51.6337	8.4	*	28.655	-57.652	1.20	51.6358	9.4	*	39.005	+16.792	2.00	50.6382	8.1
*	18.385	+30.770	1.00	50.6359	10.0	*	28.930	-53.060	1.05	51.6359	9.4	...	39.284	-16.891	0.70	51.6378	10.1
...	18.568	-8.629	-4	...	...	...	28.976	+3.201	-4	...	...	...	39.490	+6.009	-5	m	...
...	+18.577	-7.511	-3	...	...	...	+29.621	+15.166	-2	...	...	*	+39.510	-25.738	1.00	51.6379	9.7
*	18.731	+3.156	1.00	50.6360	9.8	...	29.853	+33.510	-5	m	...	*	39.593	-1.257	1.00	50.6384	9.6
...	18.739	+33.716	-5	...	...	†	29.864	-37.257	1.00	51.6360	9.8	*	39.756	+44.659	1.00	50.6383	9.4
...	18.838	-8.480	-4	...	...	*	30.052	-3.568	1.35	50.6373	8.6	...	39.914	+4.511	-4	...	...
*	19.279	-46.604	1.10	51.6339	9.6	*	30.400	-29.367	1.25	51.6361	9.3	...	40.006	-18.203	0.70	51.6380	10.2
35I	+19.382	+43.510	1.90	50.6361	8.5	41I	+30.829	+3.093	-2	...	...	47I	+40.088	+55.431	0.95	49.6420	9.6
...	19.483	+42.855	0.95	50.6362	9.6	...	30.861	+27.078	-3	...	...	*	40.201	+16.126	-5	m	...
†	19.924	+49.426	-2	50.6363	10.0	...	30.983	-13.381	0.80	51.6362	10.0	...	40.440	+16.726	0.90	50.6386	9.9
†	19.955	-47.787	1.80	51.6340	8.4	...	31.332	+19.241	-3	...	...	...	40.473	+53.499	-4	49.6421	10.1
...	20.515	-14.402	0.95	51.6341	9.8	...	31.350	+5.604	-4	...	...	...	40.499	+22.009	-3	50.6385	10.2
...	+20.974	+22.552	0.70	...	...	...	+31.732	-11.232	-5	p	...	S	+40.935	-36.449	2.60	51.6382	8.1
*	21.160	-21.779	1.05	51.6342	9.4	*	32.027	+19.993	1.15	50.6374	9.4	...	41.313	-18.134	-4	...	...
...	21.234	+34.694	-3	b	...	...	32.041	+52.582	-5	...	...	...	41.336	+6.586	-5	m	...
...	21.281	-50.491	-4	...	...	...	32.203	+0.760	1.00	50.6375	9.8	†	41.348	+24.566	-5	50.6388	10.2
...	21.341	-48.725	-5	...	...	...	32.606	-2.328	0.85	50.6376	10.0	S	41.374	+34.153	2.95	50.6387	7.8

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No	Mag.		<i>x.</i>	<i>y.</i>		No	Mag.		<i>x.</i>	<i>y.</i>		No	Mag.
481-510						511-540						541-564					
48I	+41.406	+0.053	-5	<i>m</i>	...	51I	+46.872	-32.974	-5	...	...	54I	+53.806	+0.665	1.15	50.6407	9.1
...	41.468	+4.251	0.80	50.639I	9.9	...	46.939	+6.841	-3	50.6399	10.2	<i>e</i> *	53.986	-27.355	1.60	51.6407	8.6
...	41.519	+29.082	-5	...	...	...	46.978	-10.535	0.80	51.6393	10.1	*	54.194	+55.419	2.10	49.6448	8.5
*	41.687	+19.735	1.00	50.6390	9.8	*	47.036	-30.392	1.00	51.6395	9.6	<i>S</i> *	54.891	+5.044	2.85	50.6409	7.8
†	41.855	-40.274	0.85	51.6383	9.7	...	47.256	-29.472	-4	...	...	<i>e</i> *	54.900	-27.334	1.10	51.6408	9.4
...	+41.921	+52.300	1.00	50.6389	9.6	...	+47.681	+10.801	-4	<i>a</i>	...	†	+54.910	+14.578	2.00	50.6408	8.1
...	42.422	+12.957	0.70	50.6392	10.0	*	47.802	-57.560	2.30	51.6397	8.0	<i>e</i>	55.079	-41.167	-3	51.6410	10.1
...	42.518	-37.032	0.70	51.6384	10.2	...	48.032	+5.128	-5	<i>m</i>	...	...	55.301	+15.494	-4	50.6410	10.2
*	42.639	-44.072	1.30	51.6385	9.0	...	48.449	-27.999	-5	<i>p</i>	...	...	55.368	+10.377	0.85	50.6411	9.7
...	42.787	-31.645	0.85	51.6386	10.0	...	48.497	+7.361	-4	<i>a</i>	...	<i>e</i>	55.414	-21.278	-3	51.6409	10.0
49I	+42.954	-42.556	-4	51.6387	10.2	52I	+49.176	-33.683	0.80	51.6398	9.8	55I	+55.615	-44.119	-5	51.6411	10.2
...	43.214	-58.856	-5	<i>p</i>	...	...	49.197	+15.490	-5	<i>b</i>	...	<i>e</i> *	55.880	-47.718	1.40	51.6412	9.2
...	43.381	+3.980	-5	<i>m</i>	...	...	49.298	-53.704	-5	51.6400	10.2	...	55.980	+9.224	0.90	50.6412	9.7
...	43.525	-22.834	-5	...	...	...	49.333	-37.369	-3	51.6399	9.9	...	56.714	+10.408	-4	50.6414	10.2
...	43.525	-39.831	-5	51.6388	10.2	...	49.603	+4.156	0.80	50.6400	10.0	...	56.811	+25.583	-5	50.6413	10.2
...	+43.578	+37.761	-3	50.6394	10.0	...	+49.623	+2.079	-5	...	...	<i>e</i> *	+56.872	-28.580	1.10	51.6413	9.3
...	43.594	+46.627	-4	50.6393	10.2	...	49.681	-49.314	-5	51.6401	10.2	...	57.108	+17.657	-5	...	...
...	43.853	-46.227	0.85	51.6389	9.8	...	50.141	+30.436	-3	50.6401	10.0	<i>e</i> *	57.331	-2.436	1.70	50.6415	8.4
...	43.946	-19.598	-5	<i>p</i>	...	*	50.389	+2.504	1.30	50.6403	8.8	...	58.044	+17.545	-4	...	...
...	44.262	+2.126	-2	50.6396	10.1	*	50.562	+39.759	1.00	50.6402	9.2	...	59.023	+29.828	-5	...	...
50I	+44.283	+6.113	0.70	50.6395	10.1	53I	+50.890	+54.050	-5	49.6443	10.2	56I	+59.026	-43.223	-1	51.6416	9.8
...	44.514	+17.960	-4	...	...	...	51.259	-6.775	0.80	50.6404	10.1	...	59.305	+15.186	-2	50.6417	10.1
...	44.979	+52.770	-5	49.6431	10.2	...	51.421	-23.643	-1	51.6402	9.9	<i>e</i> *	59.349	-8.461	2.60	51.6415	8.0
*	45.478	+19.412	2.20	50.6397	8.0	...	51.765	+12.371	-5	<i>b</i>	...	...	59.420	+42.367	-1	50.6416	9.7
...	45.794	-15.347	-1	51.6390	10.2	<i>e</i> *	52.089	-29.189	1.05	51.6403	9.4	...					
...	+46.130	+11.164	-5	...	...	...	+52.652	+15.046	0.90	50.6405	9.8						
...	46.495	-42.694	-4	51.6392	10.2	<i>e</i> *	52.799	-8.625	1.05	51.6404	9.4						
...	46.584	-35.368	-1	51.6391	10.1	<i>e</i>	53.580	-38.392	0.90	51.6406	9.7						
...	46.684	+43.843	-5	50.6398	10.2	...	53.681	-18.852	-5	...	...						
*	46.769	-43.713	1.00	51.6394	9.6	...	53.785	+39.219	-4	50.6406	10.1						

1-20						21-40						41-60					
I	-60.152	-8.767	1.00	51.6404	9.4	2I	-55.986	+17.581	-3	...	...	4I	-52.315	+56.040	0.95	49.6465	9.7
E †	60.044	-29.346	1.00	51.6403	9.4	...	55.909	-44.128	-5	51.6411	10.2	...	52.231	-54.104	-5	...	...
E *	59.546	+0.550	1.05	50.6407	9.1	E *	55.885	-2.403	1.90	50.6415	8.4	...	51.834	-0.740	-5	...	...
...	59.136	-31.113	-5	...	...	...	55.604	+42.448	0.70	50.6416	9.7	*	51.438	+44.063	1.30	50.6423	8.8
*	58.987	+14.502	2.00	50.6408	8.1	...	55.520	+29.880	-5	...	...	*	51.095	-1.912	1.00	50.6422	9.2
...	-58.649	+15.423	-4	50.6410	10.2	†	55.488	-47.713	1.10	51.6412	9.2	†	-50.257	+1.819	0.95	50.6424	9.6
S †	58.618	+4.969	2.25	50.6409	7.8	E †	55.272	-28.549	1.00	51.6413	9.3	†	50.074	+44.400	1.60	50.6425	8.4
...	58.359	+10.314	0.80	50.6411	9.7	†	55.032	+47.548	2.15	50.6419	8.4	...	50.029	+18.317	-1	...	...
E *	58.218	-27.446	1.35	51.6407	8.6	*	54.750	+47.634	2.00	50.6420	8.4	...	49.470	+22.374	-5	B	...
E	58.177	-38.481	1.00	51.6406	9.7	†	54.646	+24.975	-2	50.6418	10.1	...	49.201	-53.670	-4	51.6418	10.2
II	-57.714	+9.188	0.85	50.6412	9.7	3I	-54.630	+15.289	0.70	50.6417	10.1	5I	-49.017	-33.452	-1	51.6419	10.0
...	57.657	+26.792	-4	...	...	...	53.737	+11.410	-2	50.6421	10.2	*	48.840	-40.528	4.50	51.6420	6.1
...	57.561	+25.568	-5	50.6413	10.2	...	53.656	+19.041	-5	A	...	...	48.814	+8.872	-2	50.6426	10.1
E *	57.313	-27.380	1.00	51.6408	9.4	E *	53.609	-8.326	2.80	51.6415	8.0	...	48.462	-15.566	-5	...	...
E	57.031	-21.310	-3	51.6409	10.0	...	53.350	-52.285	-5	...	...	...	47.274	-6.237	-3	50.6427	10.1
...	-57.029	+10.402	-2	50.6414	10.2	...	-52.735	+17.969	-3	...	...	...	-47.207	-47.340	0.75	51.6421	10.0
...	56.919	+17.656	-5	...	...	...	52.732	+2.260	-5	B	...	...	46.778	-41.170	-5	...	...
E	56.546	-41.194	-3	51.6410	10.1	...	52.592	-38.617	-5	...	...	...	46.570	-8.392	-4	...	...
...	56.208	-8.175	-5	...	...	E	52.539	-43.087	-2	51.6416	9.8	...	46.564	-17.772	-2	51.6422	10.0
*	56.009	+55.698	1.50	49.6459	8.7	...	52.505	+18.243	-5	B	...	*	46.365	-22.027	1.00	51.6425	9.4

§ 10.7 = D, - 5.

L measured from 1, 93, 177, 248, 357.

C " " 47, 136, 206, 296, 413.

61-120						121-180						181-240					
Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x</i> .	<i>y</i> .	§	No.	Mag.		<i>x</i> .	<i>y</i> .	§	No.	Mag.		<i>x</i> .	<i>y</i> .	§	No.	Mag.
6I	-46.260	-34.926	0.90	51.6423	9.6	12I	-34.515	+40.882	0.85	50.6455	9.9	18I	-18.749	-52.983	0.90	51.6465	9.7
†	46.204	-29.514	1.80	51.6424	8.2	...	34.099	-5.539	1.00	50.6454	9.2	...	18.692	+54.212	0.70	49.6515	10.1
...	46.038	+28.185	0.70	50.6429	10.0	...	33.897	-23.966	-3	51.6445	10.1	...	18.544	+41.952	-5	50.6474	10.2
...	45.971	+40.985	-2	50.6430	10.1	...	33.184	+58.626	0.80	49.6491	9.8	...	17.652	-39.240	0.75	51.6467	9.9
...	45.723	-28.537	0.70	51.6426	10.0	...	32.953	-55.798	-5	...	...	...	17.334	-50.957	0.70	51.6469	10.0
...	-45.587	-8.411	-4	51.6429	10.2	...	-32.580	-42.101	0.90	51.6446	9.4	...	-17.251	+41.750	-3	50.6475	10.2
...	45.567	+2.742	-2	50.6428	9.9	...	32.321	-23.549	-5	...	...	...	16.857	-45.986	-5	...	...
...	45.421	-16.474	-3	51.6428	10.1	...	32.299	+29.766	0.80	50.6456	9.8	...	16.570	+44.998	-3	50.6477	10.0
...	45.398	+33.347	-5	B	...	...	31.894	+35.291	1.00	50.6457	9.1	...	16.538	+44.624	0.90	50.6478	9.7
...	45.336	+38.788	-5	B	...	...	31.693	-57.415	1.35	51.6447	8.8	...	16.521	-39.603	0.85	51.6470	10.0
7I	-45.138	-53.281	-4	...	...	13I	-31.546	-25.462	-3	...	...	19I	-16.376	-5.605	0.95	50.6476	9.6
†	44.879	-58.514	0.90	51.6427	9.6	...	31.442	-44.123	-3	...	...	...	15.960	-35.707	-3	...	...
...	44.612	+44.365	-3	50.6434	10.2	...	31.353	-26.377	0.70	51.6449	10.2	...	14.702	-20.146	-5	51.6471	10.2
...	44.602	+24.435	0.75	50.6431	10.0	...	31.177	-56.707	1.00	51.6448	9.2	...	14.691	-5.523	1.00	50.6479	9.2
...	44.392	+5.341	-5	A	...	...	30.796	+47.579	-5	B	...	...	14.478	+57.877	-5	49.6529	10.2
...	-44.206	-27.271	-4	...	...	...	-29.668	-42.520	0.90	51.6450	9.7	...	-14.272	-43.988	-5	...	...
...	44.289	+7.857	0.95	50.6432	9.6	...	29.376	+0.638	-5	50.6458	10.1	...	13.354	-16.581	1.00	51.6472	9.1
Nn†	44.050	+5.036	-2	...	...	...	29.088	-11.156	0.90	51.6451	9.6	...	13.249	-9.115	-1	51.6473	9.7
Nn†	44.006	+4.984	-2	50.6433	9.3	...	28.989	-22.168	-5	...	...	...	12.832	-37.478	2.00	51.6474	8.5
n	44.024	+4.907	0.70	...	...	...	28.878	+9.866	-4	...	...	...	12.472	+23.486	-5	50.6480	10.1
8I	-43.598	-13.850	1.50	51.6430	8.6	14I	-28.629	-7.614	0.70	...	...	20I	-12.289	+30.743	-5	50.6481	10.2
*	43.370	+49.509	2.90	50.6436	7.9	...	28.589	-7.631	-3	51.6452	9.6	...	12.079	+31.847	2.05	50.6482	8.2
S*	43.127	+34.088	-3	50.6437	10.2	...	28.609	-30.753	-2	...	...	...	11.713	-23.402	1.15	51.6475	9.1
...	43.029	+46.473	0.70	50.6438	9.8	...	28.554	+27.012	-2	50.6459	9.9	...	11.256	+25.209	1.00	50.6483	9.4
...	42.723	-0.166	0.70	50.6435	10.0	...	28.461	-32.777	-5	...	...	...	11.062	-24.331	2.40	51.6476	8.4
...	-42.524	-24.237	1.00	51.6431	9.4	...	-27.899	+52.522	-4	50.6460	10.2	...	-10.810	+22.627	1.00	50.6484	9.2
...	42.025	-21.548	-2	51.6433	9.8	...	27.490	-31.124	-5	...	...	...	9.907	-59.249	1.25	51.6477	8.9
...	41.981	-55.303	-4	51.6432	10.2	...	26.816	+18.850	1.35	50.6461	8.8	...	9.904	-7.739	-4	51.6478	10.0
...	41.290	-6.492	1.50	50.6439	8.7	...	26.326	+51.689	-5	B	...	...	9.638	-38.445	-5	...	...
...	41.032	+21.848	1.00	50.6440	9.4	n	26.283	-10.661	0.75	51.6453	9.4	...	9.325	-26.684	0.70	51.6479	9.7
9I	-40.838	-27.825	0.75	51.6434	9.6	15I	-26.234	+27.085	-5	50.6462	10.2	21I	-9.186	+17.685	1.30	50.6485	9.0
...	40.813	+17.487	-4	...	...	...	26.136	-10.587	0.80	51.6453	9.4	...	9.046	+42.613	-4	50.6487	10.2
...	40.103	-38.157	-3	51.6435	10.2	n	25.492	+28.318	0.70	50.6463	9.7	...	9.022	+35.640	-2	50.6486	9.9
...	39.944	-1.562	1.00	50.6441	9.6	...	25.399	-20.766	-5	...	...	...	8.356	-35.605	1.20	51.6480	9.1
...	39.697	-1.474	0.95	50.6442	9.6	...	25.268	+14.999	0.70	50.6464	9.7	...	8.282	+48.429	-5	50.6488	10.2
...	-39.646	-18.954	1.80	51.6437	8.4	†	-25.089	-23.359	1.20	51.6454	9.1	...	-7.634	+48.618	-4	50.6489	10.2
...	39.575	-27.378	-4	51.6436	10.2	*	25.012	+46.936	1.20	50.6466	9.1	...	7.278	+33.341	0.90	50.6490	9.7
...	39.516	+7.248	-5	...	...	...	24.677	+10.416	-5	50.6465	10.2	...	7.027	+43.863	1.00	50.6492	9.4
...	39.164	+49.484	0.75	50.6444	9.9	...	24.229	+26.584	0.70	50.6467	10.1	...	6.981	+33.324	0.95	50.6491	9.7
...	38.792	-0.575	9.90	50.6443	9.6	...	24.122	-59.567	0.65	51.6456	10.0	...	6.744	+3.826	-4	50.6493	10.0
10I	-38.569	+29.397	0.85	50.6445	9.8	16I	-23.961	-11.078	1.00	51.6458	9.6	22I	-6.209	-8.723	-5	51.6481	10.2
...	38.435	-43.976	-5	...	...	...	23.880	-24.285	0.70	51.6457	9.8	...	6.072	+42.882	1.00	50.6495	9.6
...	38.229	-8.022	-5	...	...	...	23.449	-36.040	-4	...	...	...	6.016	+33.101	1.00	50.6494	9.6
...	38.085	+38.716	1.00	50.6447	9.6	...	22.906	-58.173	0.75	51.6459	9.9	...	5.741	+17.101	-5	50.6496	10.2
...	38.018	+42.465	-3	50.6448	10.1	...	22.757	+54.091	0.75	49.6510	9.9	N	5.523	-9.877	-5	51.6483	10.2
...	-37.901	+22.260	0.70	50.6446	9.9	...	-22.629	-11.501	-5	51.6460	10.2	...	-5.269	-37.834	-5	...	...
...	37.836	-0.263	-5	...	...	*	22.413	+41.051	1.25	50.6468	8.8	...	4.909	+2.087	-5	50.6497	10.1
S*	37.489	-32.956	3.30	51.6438	7.7	...	22.128	-15.334	-3	51.6461	10.1	...	4.903	-33.692	0.85	51.6484	9.7
...	37.345	-39.364	1.00	51.6439	9.2	...	21.937	+50.967	0.90	50.6470	9.8	...	4.760	+30.612	1.10	50.6498	9.2
...	37.123	-40.790	0.90	51.6440	9.6	a†	21.636	+0.010	-5	50.6469	10.2	...	4.490	-50.102	0.80	51.6485	9.7
11I	-36.781	+46.169	-3	50.6450	10.2	17I	-21.566	+21.091	-4	50.6471	10.2	23I	-4.334	+40.338	0.65	50.6499	9.8
...	36.576	+14.185	-5	...	...	...	21.245	+42.018	-5	B	...	...	4.313	+35.746	0.85	50.6500	9.4
...	36.458	+7.363	1.00	50.6449	9.6	...	20.953	+57.105	1.15	49.6512	9.0	...	4.029	-7.950	-3	51.6486	9.9
...	36.345	-33.476	0.80	51.6441	9.9	...	20.764	-45.739	0.85	51.6462	9.7	...	3.917	+32.054	-5	50.6502	10.1
...	35.923	-54.531	-5	...	...	...	20.457	-52.197	-2	51.6463	10.2	...	3.883	+9.186	-5	50.6501	10.1
...	-35.843	+40.054	0.95	50.6451	9.6	*	-20.300	+19.772	1.20	50.6473	9.0	...	-3.664	-42.345	0.75	51.6487	9.7
...	35.617	+37.093	-4	50.6452	10.2	...	20.099	-17.865	-2	51.6464	9.8	...	2.862	+38.011	1.10	50.6503	9.2
...	35.563	+31.933	0.85	50.6453	9.6	...	20.025	-50.564	-5	...	...	...	2.855	+43.922	-1	50.6504	9.9
...	35.278	-9.378	-4	51.6444	10.2	...	18.973	+35.359	-5	...	...	...	2.228	+16.329	1.30	50.6505	9.0
...	34.976	-52.060	-5	51.6443	10.2	N*	18.809	-15.637	1.25	51.6466	9.0	...	2.097	+50.936	-4	50.6506	10.2

M
§ 10.7 = D, - 5.
78, 79 50° 70, mass.
78, 79, 80. C.P.D., mass.
150, 152. C.P.D., mass.
C.P.D. 50°.6472, too faint.

180. Var. L = 9.9 - 10.6.
C.P.D. 51°.6468, obscured by fault.
" 51°.6482, too faint.
221. Very faint.
225. Extremely faint.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
241-300						301-360						361-420					
24I	-2°014	-32°197	-4	...	...	30I	+17°413	+11°813	-2	50.6530	9.7	36I	+31°814	+55°244	-2	49.6611	10.0
...	1°948	+49°601	0.75	50.6507	9.8	...	17°466	-59°184	-2	51.6516	10.1	...	31°932	-52°016	-3	51.6534	10.0
...	1°760	+39°183	-4	...	...	...	17°640	+56°716	0.90	49.6582	9.8	...	31°964	+10°034	-5	50.6560	10.2
...	1°608	+43°701	0.95	50.6508	9.4	...	17°725	+2°002	1.05	50.6531	9.3	...	32°499	-27°083	0.70	51.6536	9.8
...	1°416	+40°842	-2	50.6509	9.8	...	18°288	-17°860	-5	...	...	...	32°523	+38°641	-5	...	...
...	-1°090	+26°641	-3	50.6510	10.1	...	+18°321	+13°595	-2	50.6532	9.8	†	+32°860	+5°026	1.10	50.6561	9.0
...	0°542	+44°415	-1	50.6511	9.9	...	18°387	+56°592	1.00	49.6585	9.6	...	32°941	-41°399	-3	51.6538	10.2
†	-0°224	+32°919	0.90	50.6512	9.6	*	19°006	-22°761	1.00	51.6517	9.2	†	33°117	-10°012	-2	51.6537	9.8
...	+0°010	-32°882	-5	51.6489	10.1	*	19°205	+7°137	1.30	50.6533	9.0	...	33°607	-44°122	-3	51.6539	10.2
...	0°639	-36°502	-3	51.6490	10.0	...	19°402	-58°062	-5	...	...	...	33°670	+32°049	-5	...	...
25I	...	...	...	...	...	31I	...	...	...	...	...	37I	...	...	...	...	...
...	+1°524	+33°300	-5	...	...	†	+19°576	-35°529	1.15	51.6519	9.1	...	+33°684	-0°024	-5	50.6562	10.0
...	1°646	+37°550	-3	50.6513	10.0	...	19°689	-8°503	-5	51.6518	10.2	...	33°836	+40°827	-5	...	...
...	1°703	-22°383	-5	51.6491	10.2	†	20°410	+10°007	0.70	50.6535	9.6	...	33°887	-36°874	-5	51.6540	10.2
...	1°974	-50°422	0.90	51.6492	9.7	...	20°469	+35°714	0.75	50.6534	9.8	...	34°411	+31°667	-5	50.6563	10.2
†	2°308	-9°976	-5	51.6493	10.2	*	20°959	-25°080	1.20	51.6521	8.8	...	34°503	+52°126	-5	...	...
...	+3°022	+32°883	-5	...	...	...	+21°006	+7°025	-5	50.6536	10.2	...	+34°674	+50°698	-5	50.6564	10.2
...	3°421	-59°279	-5	51.6496	10.2	...	21°465	+36°309	-5	...	...	...	34°752	+6°012	-2	50.6566	9.8
...	3°861	+41°089	-5	...	...	N	21°551	+8°983	-5	50.6538	10.0	...	34°781	-44°149	0.90	51.6541	9.6
...	4°572	+53°746	0.90	49.6558	9.6	*	21°672	+49°331	1.30	50.6537	9.0	...	34°888	-0°436	1.00	50.6567	9.6
...	5°101	-30°902	-3	51.6497	9.9	*	21°818	+46°376	1.00	50.6539	9.6	...	34°986	+49°974	-4	50.6565	10.2
26I	...	...	...	...	...	32I	...	...	...	...	...	38I	...	...	...	...	...
...	+5°110	+32°537	-5	50.6514	10.2	...	+21°942	+15°627	-5	50.6540	10.2	...	+35°349	+56°566	-5	49.6613	10.2
...	5°554	-46°208	-5	...	...	...	22°153	+50°721	0.90	50.6541	9.8	S *	35°371	+2°704	1.15	50.6568	9.0
...	5°690	-56°727	-5	51.6498	10.2	...	22°311	+26°441	0.95	50.6542	9.6	...	35°564	+39°653	-5	...	...
...	5°821	-26°103	-2	51.6499	9.8	*	22°471	-43°561	1.00	51.6523	9.6	...	36°065	+36°634	-3	50.6570	10.1
...	5°994	-55°545	1.00	51.6500	9.6	*	22°659	+15°819	1.40	50.6543	8.7	...	36°080	-58°283	0.75	51.6542	9.8
...	+6°265	+7°159	-4	50.6515	9.8	...	+22°674	-10°538	-4	51.6522	10.2	...	+36°099	+41°622	-5	50.6569	10.2
...	6°276	-52°115	-5	...	...	†	22°774	+34°971	-5	...	...	*	36°254	-53°586	1.00	51.6543	9.4
...	6°482	+57°001	-5	...	...	...	22°944	+4°579	-5	50.6544	10.2	*	36°468	+20°131	1.30	50.6571	8.8
*	7°457	-15°724	2.00	51.6502	8.7	...	23°264	+21°096	1.00	50.6545	9.6	...	36°569	-31°039	-3	51.6544	10.2
...	7°466	+49°635	0.70	50.6516	9.9	...	23°363	-29°567	-5	...	...	...	36°848	+41°431	0.75	50.6572	10.1
27I	...	...	...	...	...	33I	...	...	...	...	...	39I	...	...	...	...	...
...	+7°570	-53°324	-5	...	...	...	+23°769	+32°090	-2	50.6546	10.0	...	+37°654	-46°029	-2	51.6546	10.1
...	7°809	-25°165	-5	51.6504	10.2	*	23°845	+25°821	1.50	50.6547	8.9	...	37°690	-11°449	-5	...	...
*	7°924	+17°722	1.15	50.6517	9.0	...	23°949	+5°678	0.70	50.6548	9.8	*	37°737	-42°608	1.00	51.6548	9.6
...	8°024	+38°329	0.90	50.6518	9.7	...	24°380	+2°838	-3	50.6549	9.8	...	37°772	+37°250	0.70	50.6573	10.0
...	8°144	-42°428	0.90	...	...	†	24°668	+50°574	0.65	50.6550	9.9	...	37°856	-10°997	-5	51.6545	10.2
...	+8°537	+48°404	-4	50.6519	10.2	...	+25°109	+33°490	-2	50.6551	10.0	...	+37°876	-39°511	-5	51.6547	10.1
S *	8°549	+59°687	1.25	49.6567	9.0	...	25°299	+57°683	-3	49.6597	10.2	...	38°257	+5°072	0.75	50.6574	9.7
...	8°570	+28°087	0.90	50.6520	9.4	...	25°820	+45°902	-2	50.6552	10.1	...	38°510	-3°024	-5	...	...
...	9°065	+36°761	-3	50.6521	10.2	...	25°889	-21°088	-3	51.6525	9.9	...	38°712	+6°694	0.95	50.6575	9.6
...	9°318	-12°253	-5	51.6505	10.0	...	26°024	+53°802	0.90	49.6600	9.7	...	38°960	+8°704	0.95	50.6576	9.6
28I	...	...	...	...	...	34I	...	...	...	...	...	40I	...	...	...	...	...
†	+9°694	-23°497	0.70	51.6506	9.7	...	+26°036	+40°517	0.80	50.6553	9.9	...	+39°231	-21°410	0.80	51.6549	10.0
...	9°893	+12°154	-5	50.6522	9.8	...	26°319	+57°847	-4	49.6601	10.2	...	39°401	+52°116	-5	b	...
*	10°236	-35°334	1.00	51.6507	9.1	...	26°393	+9°630	0.95	50.6554	9.4	...	39°998	-5°249	-5	...	...
...	10°498	-24°648	-5	51.6508	10.2	...	26°520	+53°182	-3	49.6602	10.2	...	40°243	-26°480	0.80	51.6551	9.7
...	10°604	+57°596	0.75	49.6568	10.0	...	26°522	-10°537	-4	51.6526	10.1	...	41°215	-32°316	-4	...	...
...	+10°691	-21°223	-4	51.6509	9.9	...	+26°570	-8°547	-5	51.6527	10.2	*	+41°473	+57°443	1.20	49.6621	9.2
...	10°898	+31°355	0.85	50.6523	9.8	...	26°989	+5°749	1.00	50.6556	9.4	...	41°592	-51°071	0.80	51.6553	9.8
...	10°900	+36°266	0.70	50.6524	10.0	...	26°991	+24°770	1.00	50.6555	9.6	...	41°984	-9°559	1.00	51.6552	9.4
...	11°616	-7°357	-5	51.6510	10.2	...	27°070	-56°610	-5	...	...	...	41°997	+59°273	-2	49.6622	9.6
...	11°856	+36°912	-5	50.6525	10.2	...	27°400	-21°238	-4	51.6528	10.0	...	42°378	-9°300	0.70	51.6554	9.8
29I	...	...	...	...	...	35I	...	...	...	...	...	41I	...	...	...	...	...
*	+12°344	+51°295	1.00	50.6526	9.4	...	+27°633	-32°955	-5	51.6529	10.2	...	+43°836	+7°120	0.95	50.6577	9.6
...	12°853	-52°397	-3	51.6512	10.2	S †	27°733	-34°751	3.40	51.6530	7.7	...	43°985	+38°331	-5	b	...
*	12°997	-49°067	1.00	51.6511	9.2	...	29°223	+17°265	-4	50.6557	10.2	...	44°919	-31°419	0.85	51.6556	9.8
...	13°023	+41°243	-5	...	...	*	29°286	+12°208	1.05	50.6558	9.2	S *	45°585	+58°804	1.25	49.6627	8.9
...	14°104	-45°862	0.90	51.6513	9.7	*	29°333	-10°875	1.80	51.6531	8.4	...	45°698	+36°416	-4	50.6578	10.2
...	+14°916	+18°890	-5	50.6527	10.1	...	+29°509	+31°316	-1	50.6559	10.0	...	+46°076	+4°459	-4	50.6580	10.2
...	14°970	+17°272	-4	50.6528	9.8	...	29°700	-25°134	-5	...	...	...	46°469	-5°310	-1	50.6583	10.0
...	15°093	-36°564	-5	...	...	...	31°206	-19°191	-5	51.6532	10.2	...	46°483	+51°934	0.75	50.6579	10.2
...	16°099	-24°098	-5	51.6514	10.2	...	31°471	+58°248	0.70	49.6610	9.9	...	46°569	+32°817	0.90	50.6581	9.7
†	16°886	+4°934	0.65	50.6529	9.6	...	31°555	-1°611	-5	...	...	...	46°621	+21°403	0.80	50.6582	9.8

§ 10.7 = D, - 5.
 C.P.D. 51°.6520, too faint.
 318. Extremely faint and diffused.
 C.P.D. 51°.6524, too faint.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
421-440						441-460						461-469					
42I	+46°634	-58°470	0.90	51.6557	9.7	44I	+50°730	+59°691	-5	49.6641	10.2	46I	+56°807	+38°247	-3	50.6598	10.2
...	47°081	+30°154	-3	50.6585	10.1	...	50°894	-36°317	1.00	51.6561	9.2	e	57°571	-52°589	-5	51.6567	10.2
...	47°214	+47°801	-3	50.6584	10.1	...	51°473	+18°825	1.40	50.6591	8.7	...	57°740	+56°342	1.00	49.6654	9.4
*	47°233	-28°400	1.00	51.6558	9.4	...	51°640	+31°817	-5	...	...	...	57°813	+47°475	-5	50.6600	10.2
...	47°259	+33°334	0.70	50.6586	9.7	...	51°850	+43°364	-5	...	...	...	57°847	+31°633	-5	...	...
...	+47°478	+33°377	-4	...	...	...	+52°175	+3°028	-5	...	...	e	+57°953	-51°822	0.90	51.6568	9.6
...	47°516	-24°488	-4	...	...	...	52°190	+51°566	-5	50.6592	10.1	e	58°225	-40°695	-2	51.6570	10.2
...	47°571	-10°068	0.85	51.6559	9.6	...	52°465	+16°462	-4	...	...	...	58°234	+57°012	1.00	49.6655	9.4
...	48°022	+11°524	-4	...	...	...	52°551	+46°632	0.70	50.6593	9.9	...	59°228	+20°586	0.85	50.6601	9.7
...	48°305	-17°772	0.70	51.6560	9.9	e	53°412	-27°307	-2	51.6564	10.2						
43I	+48°404	+53°088	-3	49.6635	9.9	45I	+53°775	+56°098	-5	49.6646	10.0						
...	48°425	+31°804	-5	50.6587	10.2	...	54°043	+44°893	1.50	50.6594	8.6						
...	48°907	+13°084	-2	50.6590	10.0	...	54°115	+4°538	-5	50.6596	10.2						
...	48°915	+28°682	0.75	50.6588	9.8	...	54°352	+23°167	-5	b	...						
...	49°077	+23°062	-2	50.6589	10.2	...	54°672	+36°242	-4	50.6595	10.1						
...	+49°466	+0°878	-5	...	...	Se*	+55°056	-8°994	2.60	51.6565	8.2						
...	49°666	+1°177	-5	b	...	...	55°898	-33°830	-5	e	...						
...	49°695	+58°282	1.00	49.6636	9.4	e	56°301	-56°356	-5	51.6566	10.2						
...	50°118	+8°433	-5	b	...	...	56°339	+25°643	0.95	50.6597	9.6						
...	50°122	-22°924	-5	...	...	*	56°773	+35°136	1.10	50.6599	9.1						

$$\frac{M}{10.7} = D, -5.$$

1-30						31-60						61-90					
I	-59°384	+4°435	-4	50.6596	10.2	3I	-50°469	+17°735	-2	50.6607	10.2	6I	-44°281	+18°895	0.95	50.6622	9.7
E	58°795	-27°415	-3	51.6564	10.2	...	50°365	-9°336	-5	...	...	...	43°944	+36°437	-5	A	...
...	58°061	+38°217	-3	50.6598	10.2	†	49°974	+49°633	-2	50.6609	9.9	...	43°692	+59°336	-5	...	...
...	58°019	+25°617	0.95	50.6597	9.6	...	49°878	-10°872	-5	51.6576	10.2	...	43°567	+29°266	0.75	50.6624	9.9
*	57°976	+35°115	1.15	50.6599	9.1	†	49°767	-25°006	1.00	51.6575	9.2	...	43°559	+31°208	-5	50.6623	10.2
SE*	57°882	-9°046	2.35	51.6565	8.2	...	-49°751	+26°598	-2	50.6608	10.2	...	-43°545	-15°872	-2	51.6586	10.2
...	57°874	+56°336	1.00	49.6654	9.4	...	49°583	-17°566	0.90	51.6577	9.4	*	43°206	+47°399	1.00	50.6625	9.4
...	57°435	+47°476	-5	50.6600	10.2	...	49°535	+5°735	-4	B	...	...	43°015	+54°309	-3	49.6685	10.1
*	57°404	-57°034	1.05	49.6655	9.4	...	49°005	+53°061	-5	49.6674	10.2	...	42°918	-44°194	-5	...	...
...	57°083	+13°391	-5	B	...	...	48°451	-49°575	1.00	51.6579	9.6	...	42°717	-18°804	-5	...	...
II	-56°757	+31°655	-5	...	...	4I	-48°430	+36°937	-2	50.6610	9.9	7I	-42°502	+56°449	1.00	49.6688	9.6
...	56°046	-33°826	-5	E	...	...	47°867	+10°347	0.70	50.6611	10.1	...	42°499	+52°376	0.85	50.6627	9.8
†	54°938	+20°674	0.90	50.6601	9.7	...	47°754	-50°941	-2	51.6581	9.9	...	42°463	-49°057	-5	...	...
E	54°732	-56°325	-5	51.6566	10.2	F	47°453	-0°195	-3	50.6612	10.2	...	42°172	+54°033	-4	...	...
...	53°965	+8°412	0.75	50.6602	9.9	...	47°428	-48°883	-5	51.6582	10.2	†	41°863	+4°797	1.15	50.6626	9.1
...	-53°705	+24°957	-5	...	...	...	-47°035	+38°512	-3	50.6613	10.2	...	-41°604	-30°464	1.00	51.6588	9.6
E	53°608	-52°510	-5	51.6567	10.2	...	46°900	+30°997	-3	50.6614	10.1	...	41°577	-12°619	-2	51.6590	10.1
E	53°429	-40°587	-2	51.6570	10.2	*	46°818	+32°783	1.05	50.6615	9.2	...	41°326	+7°531	-5	A	...
...	53°304	+38°209	-5	B	...	†	46°771	-59°888	-5	...	...	...	41°262	-21°963	-4	...	...
...	53°247	+4°269	0.85	50.6603	9.7	...	46°615	+54°396	-5	49.6677	10.1	...	41°168	-55°268	-2	51.6589	10.0
2I	-53°246	-51°731	-1	51.6568	9.6	5I	-46°359	+48°657	1.00	50.6618	9.4	8I	-40°992	+42°745	0.85	50.6629	9.8
E	53°127	+10°415	1.45	50.6604	8.8	...	46°304	+24°429	-3	50.6616	10.2	*	40°856	-6°564	1.25	50.6628	9.0
S*	52°615	+2°787	-5	B	...	...	45°857	+11°507	0.85	50.6617	9.8	...	40°551	+29°030	0.95	50.6630	9.6
...	52°247	+56°584	-5	...	...	...	45°758	+55°626	1.10	49.6680	9.1	...	40°539	-44°837	-5	...	...
...	52°132	+16°340	0.70	50.6605	10.0	*	45°321	+42°817	1.05	50.6621	9.0	†	39°975	+9°386	-2	50.6631	10.2
...	-51°851	+53°477	-3	49.6667	10.0	*	-45°020	-36°887	-5	...	...	...	-39°603	-43°268	-5	...	...
...	51°585	+50°440	1.00	50.6606	9.6	†	44°889	-1°308	-4	50.6620	10.0	...	39°519	-18°495	0.80	51.6592	9.6
...	50°705	-49°366	-3	51.6572	9.9	...	44°815	-7°302	-4	50.6619	10.0	*	39°497	+22°763	1.00	50.6632	9.1
...	50°544	+12°603	-5	B	...	...	44°810	-50°876	0.85	51.6585	9.8	...	39°459	+15°915	-4	...	...
...	50°495	-24°587	-2	51.6574	10.0	...	44°787	+27°799	-5	...	...	...	39°430	+12°957	-3	...	...

$$\frac{M}{10.5} = D, -5.$$

L measured from 1, 143, 250, 377.

C " " 58, 204, 314, 454.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
91-150						151-210						211-270					
9I	-39.419	-43.353	0.80	51.6591	9.8	15I	-28.174	-1.926	5.00	50.6654	6.7	21I	-12.531	-18.144	-5	51.6634	10.2
...	39.258	+58.082	-3	49.6696	10.0	S *	27.956	+37.291	1.70	50.6655	8.6	...	12.443	+53.741	0.95	49.6737	9.6
...	39.131	-44.240	0.75	51.6593	9.8	+	27.802	+29.888	1.00	50.6656	9.2	*	11.468	-49.395	2.60	51.6635	8.2
*	39.085	-49.107	1.25	51.6594	9.0	*	27.392	-2.649	1.20	50.6657	9.0	...	11.462	-44.235	-4	...	...
...	38.854	+19.763	-4	...	...	...	27.091	+37.962	-5	50.6658	10.2	...	10.671	-29.411	-4	51.6636	9.8
...	-38.620	+2.549	0.70	50.6633	9.8	...	-26.968	+26.201	-4	...	...	...	-10.557	-30.826	5	51.6637	9.8
...	38.056	+35.644	-3	50.6634	10.2	...	26.677	-25.793	-2	51.6616	9.8	*	10.229	+43.267	0.95	50.6685	9.6
...	38.001	-42.975	-3	51.6595	10.1	...	26.528	+38.010	-5	...	...	...	9.543	+46.875	-4	50.6686	10.2
...	37.626	-14.034	1.00	51.6597	9.6	...	26.213	+22.615	-5	A	...	...	9.310	-37.966	-4	51.6638	10.2
...	37.537	+40.863	0.75	50.6635	9.8	...	26.184	+52.148	-3	...	...	...	9.153	-16.842	-3	51.6640	9.9
10I						16I						22I					
...	-37.289	+33.445	0.90	50.6638	9.6	...	-25.927	+27.010	0.70	50.6660	9.8	...	-9.127	+48.285	-3	50.6687	10.1
...	37.086	+44.859	-5	A	...	*	25.902	+6.402	1.90	50.6659	8.7	...	9.023	-33.116	0.65	51.6639	9.8
...	37.054	-56.649	0.90	51.6596	9.6	...	25.314	+54.817	-5	B	...	...	8.422	-47.749	-4	...	...
*	36.819	-2.263	1.00	50.6636	9.7	...	25.264	-17.566	-4	51.6617	10.2	...	8.098	+18.943	-4	50.6688	10.1
...	36.748	-6.733	-2	50.6637	10.1	...	25.257	+50.916	-4	...	...	...	8.085	-40.283	1.00	51.6642	9.6
*	-36.570	-4.438	2.20	50.6639	8.4	...	-25.203	+1.499	-5	...	...	...	-7.956	-25.863	0.70	51.6643	9.7
...	36.392	+43.393	-4	50.6640	10.2	...	24.796	+16.342	-5	...	...	*	6.586	-7.254	1.00	51.6645	9.4
...	36.276	-19.230	-3	51.6598	10.2	...	24.490	+37.508	-4	...	...	...	6.289	+28.029	0.85	50.6689	9.8
...	36.089	+45.169	0.90	50.6641	9.8	*	24.368	+7.477	1.00	50.6661	9.2	...	5.755	+35.851	-3	...	...
...	35.862	+48.404	-4	50.6642	10.2	...	24.224	-51.874	0.80	51.6618	9.8	...	4.907	+35.799	-5	B	...
11I						17I						23I					
...	-35.163	-58.522	0.85	51.6599	9.6	...	-24.050	+35.971	-5	50.6663	10.2	...	-4.858	+43.810	-4	50.6690	10.2
†	35.088	-59.098	-4	...	...	...	23.994	+38.397	-4	...	...	...	4.537	-28.184	-3	51.6648	10.2
†	35.080	-58.600	-3	...	...	...	23.835	+48.448	-2	50.6664	9.8	...	4.489	-36.350	0.85	51.6649	9.6
†	34.981	+14.384	-2	50.6643	9.9	...	23.282	-4.188	-4	50.6665	10.0	*	4.450	-54.609	1.60	51.6647	8.4
...	34.817	+27.916	-5	A	...	...	22.985	-51.693	0.90	51.6619	9.9	†	4.368	+34.819	-5	50.6691	10.2
...	-34.542	+2.151	0.75	50.6644	9.7	...	-22.394	+40.347	-5	B	...	S *	-4.299	+54.511	1.80	49.6756	8.6
...	33.721	-15.268	0.80	51.6601	9.6	*	22.305	-28.377	1.30	51.6620	8.8	S *	4.231	-36.428	1.20	51.6650	9.1
...	33.702	-28.987	0.80	51.6600	9.6	...	22.184	+55.458	-5	...	...	...	3.259	-56.612	-5	...	...
...	33.437	+22.613	0.90	50.6645	9.6	...	22.075	-17.017	-5	51.6621	10.2	...	3.043	-54.409	0.70	51.6651	9.8
*	33.416	-23.366	1.35	51.6602	8.8	...	21.965	+31.355	-4	50.6666	10.1	...	2.742	-21.815	-5	51.6652	10.2
12I						18I						24I					
...	-33.371	-23.284	-5	...	...	*	-21.106	+41.048	1.00	50.6667	9.2	...	-2.266	-8.998	-5	51.6653	10.2
...	33.357	+42.374	-4	50.6646	10.2	*	20.824	+35.243	1.00	50.6668	9.3	...	2.169	+18.740	0.65	50.6692	9.4
...	33.340	+49.846	-5	...	...	*	20.746	+43.863	1.10	50.6669	9.0	...	0.743	+3.293	-5	50.6693	10.2
...	33.320	+56.159	0.70	49.6703	9.8	...	20.686	-45.866	0.90	51.6623	9.4	...	0.614	+4.682	-4	50.6694	9.9
*	32.871	-27.664	1.35	51.6605	8.8	*	20.154	+23.194	1.20	50.6671	8.8	...	0.482	-40.797	-4	51.6654	10.1
...	-32.855	-57.096	-3	51.6603	10.1	†	-20.059	+26.685	-5	50.6673	10.2	...	-0.332	-45.500	0.90	51.6655	9.6
...	32.806	-47.022	-1	51.6604	10.0	†	20.043	+2.427	-5	50.6670	9.9	...	0.304	+35.771	-3	50.6695	10.1
...	32.718	+23.157	-4	...	...	...	19.917	+4.632	-5	50.6672	10.0	...	0.284	-3.282	-4	50.6696	9.8
...	32.030	-38.309	-5	...	...	...	19.532	+19.464	1.00	50.6675	9.3	†	-0.139	-4.326	-3	50.6697	9.8
...	31.694	-7.170	-4	50.6647	10.2	*	19.486	+1.619	1.30	50.6674	9.1	...	+0.482	+44.434	0.70	50.6698	10.1
13I						19I						25I					
...	-31.629	+46.626	-2	50.6648	9.9	...	-19.271	-29.117	-5	51.6624	10.2	...	+0.547	-16.740	-5	51.6657	10.2
...	31.519	+26.644	-5	...	...	...	19.018	-52.676	-2	51.6625	10.2	...	0.583	-39.587	0.70	51.6656	9.8
...	31.117	+37.070	-2	50.6650	10.1	...	18.898	+6.383	-5	50.6676	10.1	...	0.886	+52.023	-2	50.6690	10.1
*	31.114	-21.204	1.15	51.6607	9.1	...	18.352	+49.097	0.85	50.6678	9.6	...	0.968	-13.877	1.00	51.6658	9.2
...	31.091	-44.612	-4	51.6606	10.1	...	18.298	+33.553	-3	50.6677	10.0	...	2.123	+28.931	-4	50.6700	10.0
...	-30.995	+23.275	-5	...	...	...	-17.711	+15.544	1.00	50.6679	9.4	...	+2.120	+34.293	-2	50.6701	10.1
...	30.843	+32.808	-4	...	...	S *	16.835	+7.310	2.90	50.6680	8.3	*	2.308	+15.140	1.50	50.6702	8.7
*	30.690	-45.366	1.00	51.6608	9.6	...	16.797	-17.673	-5	51.6627	10.1	...	2.425	+37.696	0.75	50.6703	10.0
*	30.575	-38.656	1.10	51.6609	9.1	...	15.899	+10.727	-2	50.6681	9.6	N	2.600	-16.094	-5	51.6659	10.2
*	30.533	-1.706	1.00	50.6649	9.2	...	15.882	-17.964	-3	51.6628	10.0	...	2.818	-38.566	0.75	51.6660	9.8
14I						20I						26I					
*	-30.296	+42.245	1.05	50.6651	9.2	...	-15.816	+47.575	1.00	50.6682	9.2	*	+3.017	-47.694	1.00	51.6661	9.4
...	30.271	-49.631	-4	...	...	S *	15.413	-35.201	1.95	51.6629	8.5	...	3.457	+9.414	-5	50.6704	10.0
...	29.384	-11.718	1.00	51.6613	9.4	...	15.263	-45.586	0.85	51.6630	9.6	...	3.667	-52.326	-5	...	...
...	29.310	+12.742	-2	50.6652	10.1	...	14.129	-49.577	-3	51.6631	10.2	...	3.691	+44.477	-3	...	...
...	29.287	-21.789	0.95	51.6612	9.6	...	13.749	-18.019	-4	51.6632	10.2	*	3.994	+27.741	1.30	50.6705	9.0
...	-29.167	-39.689	-3	51.6611	10.2	...	-13.474	+36.171	-5	...	...	...	+4.190	+55.098	-3	49.6768	10.2
...	28.904	-47.362	-5	...	...	...	13.412	+47.012	-4	...	...	...	4.216	-11.759	-5	51.6662	10.1
...	28.890	+32.045	-4	50.6653	10.2	*	13.346	-44.385	1.40	51.6633	8.6	...	4.323	-42.015	0.85	51.6663	9.6
...	28.566	-24.934	-5	51.6614	10.2	...	12.774	-40.563	-4	...	...	*	4.564	-56.908	1.00	51.6664	9.6
...	28.495	-20.665	-5	51.6615	10.0	...	12.555	+30.448	-4	50.6683	10.2	N †	4.605	-10.100	-5	51.6665	10.2

§ 10.5 = D, —
 No trace of C.P.D. 50°.6662 on this or chart plate.
 C.P.D. 50°.6684, too faint.
 259, 270. Extremely faint and diffused.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
271-330						331-390						391-450					
27I	+ 6.033	- 9.664	I.10	51.6666	9.0	33I	+18.496	-41.829	0.80	51.6688	9.8	39I	+27.741	+35.531	- 3	50.6761	10.1
...	6.203	+41.304	- 3	50.6706	10.2	...	18.515	-39.082	- 3	51.6687	10.1	...	27.916	-50.455	- 5	...	...
...	6.497	+42.616	0.95	50.6707	9.6	...	18.621	-29.543	- 5	51.6686	10.2	...	28.251	+25.932	0.70	50.6762	9.8
...	7.441	-20.754	- 5	51.6667	10.2	...	19.204	+35.550	- 1	50.6734	10.0	...	28.784	+58.255	- 3	49.6807	10.1
...	7.579	+37.524	0.70	50.6708	9.7	...	19.222	-47.697	0.95	51.6690	9.6	...	28.861	+33.756	0.90	50.6763	9.6
*	+ 7.625	-37.020	- 5	...	...	...	+19.227	-45.180	0.90	51.6689	9.6	*	+28.910	+35.024	1.00	50.6764	9.2
...	8.174	-12.320	I.40	51.6668	9.0	*	19.552	+34.087	I.90	50.6735	8.7	...	29.217	-22.831	- 5	...	...
...	8.689	-31.984	I.00	51.6669	9.6	...	19.616	-31.584	- 3	51.6691	10.1	*	29.628	- 3.693	I.25	50.6765	8.8
*	8.778	+30.205	I.00	50.6709	9.2	...	19.641	+ 3.533	- 4	50.6736	10.1	...	29.641	- 2.233	0.95	50.6766	9.7
...	8.968	-53.019	0.70	51.6670	10.1	†	19.826	- 1.229	I.00	50.6737	9.4	†	29.883	- 8.458	- 3	51.6709	10.1
28I	+ 9.029	+47.860	0.75	50.6710	9.9	34I	+19.881	+12.259	- 5	50.6738	10.0	40I	+30.306	-59.292	- 5	...	...
...	9.056	+34.094	- 3	50.6711	10.0	†	20.110	+39.672	I.20	50.6739	9.1	...	30.415	- 2.775	- 5	...	...
...	9.296	- 1.634	- 3	50.6712	9.8	...	20.364	+42.440	- 5	...	...	...	30.595	+ 5.557	- 5	50.6767	10.1
...	9.382	+25.761	- 5	50.6713	10.2	...	20.626	-18.936	- 2	51.6693	10.0	...	30.599	-16.577	0.75	51.6710	9.8
...	9.687	+12.330	- 1	50.6714	9.9	...	20.641	- 9.314	- 5	51.6694	10.2	S *	30.816	-32.042	I.30	51.6712	8.8
...	+ 9.981	-15.287	- 1	51.6671	9.7	...	+20.716	+45.094	- 3	50.6740	10.2	...	+30.925	+53.206	0.85	49.6812	9.8
...	10.150	-15.987	- 3	51.6672	10.0	*	20.783	+28.972	I.00	50.6741	9.2	...	31.013	+37.021	- 3	...	...
S *	10.166	- 5.499	I.20	50.6715	9.0	...	20.934	+ 5.604	- 5	50.6742	10.1	...	31.225	-40.309	- 5	...	...
N	10.556	-15.689	- 5	51.6673	10.2	*	21.070	- 7.904	I.10	51.6695	9.1	*	31.381	+44.253	I.00	50.6768	9.6
...	11.250	-43.198	0.70	51.6674	10.0	...	21.238	+ 5.983	- 5	50.6744	10.2	*	31.981	-33.886	I.00	51.6713	9.1
29I	+11.532	+37.371	0.70	50.6717	10.0	35I	+21.290	-49.966	- 2	51.6696	9.9	41I	+31.995	+38.085	0.90	50.6769	9.7
...	11.565	+47.215	0.85	50.6716	9.8	†	21.373	+29.967	0.80	50.6743	9.8	...	32.133	+37.550	- 5	...	...
*	11.788	+34.466	I.15	50.6718	8.9	...	21.472	-30.420	- 5	...	...	...	32.156	-42.653	0.80	51.6714	9.9
...	11.866	+57.422	- 5	...	...	...	21.679	-21.451	- 2	51.6697	10.0	*	32.309	- 0.603	I.00	50.6770	9.4
...	11.963	+23.504	- 5	...	...	...	22.082	+41.672	- 4	...	...	...	32.367	-16.847	- 5	...	...
...	+12.315	-44.284	- 4	...	...	*	+22.252	+42.494	I.00	50.6745	9.6	...	+32.394	-10.952	- 5	51.6715	10.1
...	12.511	+ 2.844	- 1	50.6719	9.8	...	22.393	+ 5.990	- 3	50.6747	9.8	...	32.446	+26.991	- 5	...	...
...	13.077	+14.527	- 2	50.6721	10.0	...	22.437	+ 7.702	- 4	50.6746	10.0	*	32.632	-17.979	I.00	51.6716	9.2
...	13.152	+25.605	0.65	50.6720	10.0	*	22.775	+24.899	I.15	50.6748	9.1	...	32.725	-18.146	- 5	...	...
...	13.153	- 8.935	- 4	51.6675	10.1	...	22.951	+11.969	0.65	50.6749	9.7	*	33.049	+37.922	I.00	50.6771	9.6
30I	+13.593	+22.615	- 5	50.6722	10.2	36I	+23.229	+55.919	I.00	49.6796	9.6	42I	+33.198	-53.015	- 2	...	...
...	13.636	+ 7.498	I.00	50.6723	9.4	*	23.246	-23.771	I.00	51.6698	9.2	...	33.218	-28.009	0.75	51.6717	10.0
...	13.825	-43.280	- 3	51.6676	10.2	...	23.421	- 8.969	- 2	51.6699	9.9	...	33.767	-53.607	- 3	...	...
...	13.847	-42.422	- 3	51.6677	10.2	...	23.730	+28.526	- 5	...	...	...	34.114	+48.030	0.95	50.6772	9.6
...	14.141	-34.297	- 5	51.6680	10.2	...	23.800	-59.821	- 5	...	...	*	34.166	+34.252	I.00	50.6773	9.1
*	+14.151	-47.728	I.00	51.6678	9.3	...	+23.806	+16.691	- 2	50.6750	10.0	*	+34.234	-40.437	I.00	51.6718	9.4
...	14.202	-52.221	- 2	51.6679	10.2	...	23.874	-16.732	0.90	51.6701	9.6	...	34.343	-50.189	- 2	51.6720	10.0
...	14.344	+50.327	- 3	50.6724	10.0	...	24.130	-12.221	- 3	51.6702	10.0	*	34.523	-57.245	I.25	51.6721	8.8
...	14.575	+12.907	- 5	50.6725	10.1	...	24.190	-47.526	- 4	...	...	...	34.548	- 7.796	0.85	51.6719	9.8
...	14.605	+58.940	- 5	49.6779	10.1	...	24.277	-54.144	- 2	51.6704	10.0	...	34.629	-57.064	- 4	...	...
31I	+14.653	+36.756	0.90	50.6727	9.8	37I	+24.332	-13.055	I.40	51.6703	8.8	43I	+34.712	+ 8.225	- 3	50.6776	10.0
...	14.728	+45.053	0.90	50.6726	9.7	*	24.513	+42.933	- 5	...	...	†	34.806	+12.199	0.80	50.6777	9.8
...	14.760	+35.921	- 5	...	...	...	24.540	- 5.975	- 5	50.6751	10.2	†	34.833	+24.627	- 2	50.6774	10.1
...	14.979	+17.121	- 5	50.6728	9.9	...	24.566	+54.519	- 4	49.6799	10.2	...	34.945	-47.572	0.90	51.6722	9.9
...	15.007	+17.066	- 5	...	...	...	24.667	+40.182	- 5	...	...	...	35.226	+45.277	I.00	50.6775	9.6
S †	+15.045	+18.340	3.20	50.6729	7.7	†	+24.837	+20.186	- 5	...	...	...	+36.026	- 1.435	0.75	50.6778	9.8
...	15.398	-30.483	0.70	51.6681	9.6	...	25.641	+ 2.163	- 5	50.6752	10.1	...	36.242	-53.681	- 3	51.6723	10.1
...	15.468	+30.184	0.65	50.6730	9.9	...	25.815	+ 7.759	- 3	50.6753	10.1	...	36.252	+ 6.612	- 3	50.6779	10.1
...	15.491	+22.329	- 5	...	...	...	25.999	+47.452	- 5	...	...	...	36.297	-42.490	- 3	...	...
...	15.822	-56.756	- 3	51.6682	10.2	...	26.133	+44.043	0.90	50.6754	9.8	*	36.331	- 2.624	I.35	50.6780	9.0
32I	+15.882	+52.664	- 3	...	...	38I	+26.149	-20.636	- 2	51.6706	10.0	44I	+36.732	- 9.550	- 3	51.6724	10.2
...	15.886	-44.907	- 3	51.6683	10.2	...	26.395	-13.462	- 3	51.6705	10.0	...	37.025	+20.885	0.70	50.6781	9.9
...	15.984	+36.923	- 2	50.6731	10.1	*	26.757	+41.482	I.10	50.6755	9.2	...	37.126	+29.671	- 3	50.6783	10.1
*	15.998	+20.403	I.15	50.6732	9.2	...	26.851	+ 4.966	- 5	50.6757	10.2	...	37.450	-34.709	- 2	51.6725	10.2
...	16.745	+56.583	- 3	49.6783	10.0	*	27.047	-53.196	I.10	51.6707	9.1	*	38.201	+21.992	I.00	50.6783	9.6
...	+16.784	+54.282	- 3	49.6782	10.2	...	+27.165	+52.154	0.95	50.6756	9.7	*	+38.508	-59.053	I.00	51.6728	9.7
*	17.714	-35.591	I.00	51.6684	9.2	...	27.216	+ 5.985	- 2	50.6759	10.1	*	38.900	- 9.695	I.00	51.6727	9.4
...	17.883	+56.703	- 3	49.6785	9.8	...	27.240	-34.591	- 2	51.6708	10.2	...	39.104	- 1.107	- 5	50.6785	10.2
...	18.054	-41.089	0.70	51.6685	9.9	...	27.270	+26.098	0.65	50.6758	10.2	...	39.106	-43.893	- 5	...	...
*	18.114	+46.124	I.15	50.6733	9.0	*	27.456	+35.926	I.30	50.6760	8.8	...	39.145	-57.875	- 3	51.6729	10.2

§ 10·5 = D, - 5.

289. Extremely faint.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
451-490						491-530						531-546					
45I	+39.150	+14.690	0.95	50.6784	9.6	49I	+48.349	-51.168	-3	51.6742	10.1	53I	+56.508	-27.169	0.85	51.6752	10.0
...	39.599	+1.877	-3	50.6788	10.2	...	48.427	+46.676	-5	...	...	e	56.697	-39.177	0.90	51.6754	9.8
*	39.610	+2.802	1.35	50.6786	9.0	...	48.435	+57.686	-5	...	...	e *	56.980	-39.537	1.00	51.6755	9.6
...	39.864	-54.788	0.95	51.6730	9.8	...	48.465	+48.550	-4	50.6797	10.1	e	57.051	-12.845	-3	51.6753	10.2
*	39.990	+42.818	1.00	50.6787	9.6	...	48.472	-3.178	0.70	50.6799	9.8	e	57.413	-14.504	-2	51.6756	10.2
...	+40.238	-54.751	0.95	51.6731	9.8	...	+48.867	-53.813	-5	...	...	†	+57.892	+24.763	-1	50.6813	10.0
...	40.295	+53.360	0.80	49.6828	9.8	...	49.171	-53.363	-5	51.6743	10.2	e	57.958	-33.636	-3	51.6757	10.2
...	40.584	+38.291	0.80	50.6790	9.8	...	49.211	-43.440	-5	...	...	...	57.984	+28.395	0.75	50.6814	9.9
...	40.635	+49.950	0.90	50.6789	9.7	...	50.007	-40.936	-4	...	...	...	58.108	+53.722	0.75	49.6870	9.7
...	40.718	-23.038	-5	...	...	*	50.159	-3.739	1.45	50.6800	8.7	...	58.298	-24.211	-4	e	...
46I	+41.259	-7.121	-1	50.6793	9.9	50I	+50.621	-43.332	-3	51.6744	10.1	54I	+58.411	+7.071	-5	...	...
...	41.287	+0.714	-2	50.6792	9.9	...	50.628	+58.615	0.90	49.6855	9.8	e	58.740	-2.143	0.85	50.6815	9.8
*	41.303	+30.511	1.15	50.6791	9.2	...	50.696	-49.685	-3	51.6745	10.2	...	58.874	+1.808	-5	...	...
*	41.369	+48.273	1.00	51.6733	9.6	...	50.887	-14.568	-5	...	...	...	59.508	+58.463	-5	...	...
*	41.396	-17.384	1.50	51.6732	8.8	...	50.961	-8.146	-5	...	...	...	59.622	+7.377	0.90	50.6817	9.8
...	+41.885	-48.550	-5	...	...	...	+51.032	+12.829	-3	50.6801	10.2	*	+59.638	+53.196	2.00	49.6873	8.6
...	41.886	+59.241	1.15	49.6831	9.2	...	51.206	+26.734	0.70	50.6802	10.1	...	...	...	...	...	...
*	42.014	+55.482	1.20	49.6832	9.2	...	51.235	+31.185	-4	...	...	...	...	...	...	...	...
...	42.698	+27.158	-4	50.6794	10.2	*	51.824	+34.639	1.00	50.6803	9.7	...	...	...	...	...	...
...	42.736	+9.425	-5	...	...	...	51.903	-1.211	-5	...	...	...	...	...	...	...	...
47I	+43.726	+34.550	-5	...	...	51I	+51.962	+24.356	0.75	50.6804	10.0	...	...	...	...	...	...
...	43.786	-34.236	-5	...	...	S *	52.215	-2.933	2.15	50.6805	7.8	...	...	...	...	...	...
...	43.802	-39.172	-2	51.6734	10.1	...	52.347	+5.120	0.85	50.6806	9.8	...	...	...	...	...	...
...	44.296	-42.226	0.75	51.6736	10.0	...	52.418	+40.703	-5	...	...	...	...	...	...	...	...
...	44.514	+35.154	-5	a	...	...	53.269	+55.903	-3	49.6861	10.0	...	...	...	...	...	...
...	+44.708	+13.163	-5	...	...	e *	+53.604	-29.136	1.00	51.6748	9.4	...	...	...	...	...	...
...	45.191	-12.376	0.80	51.6737	9.8	...	54.176	+20.967	-5	...	...	...	...	...	...	...	...
...	45.253	-23.313	-5	...	...	...	54.196	+31.636	-3	...	...	...	...	...	...	...	...
...	46.149	+29.499	-5	...	...	*	55.371	+32.304	1.05	50.6808	9.4	...	...	...	...	...	...
...	46.435	-30.904	-3	...	...	...	55.505	+53.439	-5	...	...	...	...	...	...	...	...
48I	+46.436	+15.719	0.80	50.6795	9.9	52I	+55.549	+43.981	1.50	50.6807	8.8	...	...	...	...	...	...
...	47.121	-5.054	-5	...	...	S *	55.671	+33.270	1.40	50.6809	8.8	...	...	...	...	...	...
...	47.185	-38.087	-5	...	...	S e *	55.673	-47.019	2.75	51.6750	7.6	...	...	...	...	...	...
...	47.377	-11.342	-3	51.6738	10.2	...	55.691	-3.131	-4	e	...	...	...	...	...	...	...
...	47.410	+50.312	-4	50.6796	10.1	...	55.780	+49.306	-5	b	...	...	...	...	...	...	...
...	+47.476	-41.967	-5	...	...	...	+55.972	+45.060	0.90	50.6810	9.6	...	...	...	...	...	...
...	47.868	-33.767	0.90	51.6741	9.8	*	55.981	+25.565	1.00	50.6811	9.6	...	...	...	...	...	...
...	48.114	-5.932	-5	...	...	e	56.083	-8.516	0.95	51.6749	9.8	...	...	...	...	...	...
...	48.154	+6.564	0.85	50.6798	9.8	...	56.244	+5.129	0.85	50.6812	9.8	...	...	...	...	...	...
*	48.253	-13.582	1.05	51.6739	9.6	e	56.392	-14.543	-4	51.6751	10.2	...	...	...	...	...	...

$\frac{M}{10.5} = D, -5.$

1-10						11-20						21-30					
I	x.	y.	Diam.	No.	Mag.	II	x.	y.	Diam.	No.	Mag.	2I	x.	y.	Diam.	No.	Mag.
...	-60.001	+20.855	-5	...	...	...	-57.279	+5.115	1.00	50.6812	9.8	E	-55.696	-27.159	0.70	51.6752	10.0
...	59.999	+53.354	-5	...	...	...	57.201	-15.193	-5	...	...	S E *	55.693	-47.027	2.75	51.6750	7.6
S *	59.553	+43.908	1.75	50.6807	8.8	E	56.872	-8.536	1.00	51.6749	9.8	E †	55.312	-14.456	-5	51.6756	10.2
*	59.267	+32.230	1.05	50.6808	9.4	...	56.765	+20.876	-5	...	...	†	55.150	+44.924	-1	50.6816	10.0
...	59.173	+45.004	1.00	50.6810	9.6	...	56.482	+28.424	1.00	50.6814	9.9	E	55.019	-39.150	1.00	51.6754	9.8
*	-58.988	+33.210	1.80	50.6809	8.8	...	-56.428	+24.795	-1	50.6813	10.0	E †	-54.714	-39.487	1.00	51.6755	9.6
E *	58.516	-29.247	1.10	51.6748	9.4	E †	56.332	-14.557	-3	51.6751	10.2	...	54.528	+1.897	-4	...	...
...	58.368	+25.518	1.00	50.6811	9.6	...	56.193	+58.541	-5	...	...	E	54.494	-2.053	1.00	50.6815	9.8
...	57.483	-3.177	-4	E	...	*	55.845	+53.275	1.90	49.6873	8.7	...	54.333	+55.205	-5	...	...
...	57.394	+53.735	-1	49.6870	9.7	E	55.729	-12.821	-4	51.6753	10.2	...	54.023	-24.124	-5	E	...

L measured from 1, 152, 324, 451, 579.

C " " 78, 240, 391, 509, 632.

Co-ordinates.						Co-ordinates.						Co-ordinates.					
Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No.	Mag.
31-90						91-150						151-210					
3I	-53'996	+7'500	1'00	50.6817	9.8	9I	-41'809	-28'218	-5	...	...	15I	-31'046	-3'327	-3	...	...
E	53'972	-33'553	-2	51.6757	10.2	...	41'757	+51'909	0.90	50.6837	9.8	S †	30'235	-33'543	2.00	51.6782	7.8
...	53'691	+32'995	-5	B	...	...	41'487	+3'829	-5	M	...	...	29'897	+1'707	-4	50.6854	10.2
...	53'504	+43'998	-3	50.6819	10.2	...	41'408	-28'031	-5	p	...	...	29'852	+18'942	0.70	50.6855	10.2
...	53'502	+5'571	-1	50.6818	10.2	...	41'135	+53'466	-2	49.6897	10.2	...	29'625	-30'869	-2	51.6783	10.2
...	-52'837	-58'121	-5	...	...	...	-40'675	-2'416	-3	...	...	...	-29'597	+12'483	-5	...	...
...	52'578	+42'329	1'00	50.6821	9.7	...	40'472	-51'483	-1	51.6775	10.2	...	29'413	-45'122	-2	...	...
...	52'230	-26'704	-3	51.6759	10.1	...	39'818	+15'828	-5	...	...	...	29'310	-49'736	-5	...	...
...	52'143	-14'953	-4	...	...	...	39'818	-0'905	-3	...	...	n	29'233	+44'613	-2	50.6857	9.9
...	52'134	-16'123	-5	...	...	...	39'353	+43'572	-4	...	...	...	29'220	+12'710	-3	...	...
4I	-52'103	+25'968	2.80	50.6820	8.0	10I	-39'209	-53'071	-4	51.6776	10.2	16I	-29'029	+49'948	1'00	50.6858	9.8
...	51'907	+23'410	-1	50.6822	10.1	...	39'112	+55'202	0.65	49.6899	9.8	n	29'009	+44'590	-2	50.6857	9.9
...	51'793	-10'339	-5	...	...	...	38'797	+20'998	0.70	50.6840	10.2	...	28'819	-6'834	0.95	50.6856	9.9
*	51'742	-24'744	1.20	51.6760	9.1	...	38'766	-52'298	-5	...	...	...	28'492	+11'543	-5	M	...
...	51'531	-14'886	-5	...	...	...	38'717	+2'979	-5	M	...	...	28'366	-45'979	-5	...	...
...	-51'301	+19'860	-5	B	...	...	-38'681	-43'351	1'00	51.6777	9.6	...	-28'055	-58'300	-2	51.6784	10.1
...	50'842	+32'352	1'00	50.6823	9.8	...	38'672	-0'189	-2	50.6839	10.2	...	27'992	+37'732	-4	...	...
...	50'400	+13'301	-5	M	...	*	38'643	-1'575	1'00	50.6838	9.7	...	27'820	-25'787	0.75	51.6785	10.0
...	49'686	-15'187	-5	...	...	...	38'531	-46'514	-5	...	...	S *	27'614	+18'234	1.80	50.6859	8.5
*	49'647	+14'646	1.80	50.6824	8.7	...	38'224	+45'700	-2	50.6841	10.1	...	27'290	+24'674	-5	M	...
5I	-49'589	+24'781	-2	50.6825	9.8	11I	-38'176	+41'324	-5	...	...	17I	-27'162	-20'125	0.65	...	...
...	48'941	+50'999	-5	...	...	...	37'725	-8'204	-5	...	...	...	27'148	+28'488	-2	...	...
...	48'719	+54'464	-4	49.6884	10.2	...	37'668	-26'272	-5	...	...	...	27'034	-20'131	0.65	51.6787	9.7
...	48'418	-38'100	-5	...	...	...	37'635	-15'617	-5	...	...	...	26'966	+57'884	-2	49.6915	10.2
...	48'367	+40'899	-2	50.6827	10.2	...	37'498	+44'610	0.85	50.6843	9.9	*	26'684	+30'984	1.50	50.6860	8.8
...	-48'340	+26'595	-5	...	...	...	-37'443	+33'465	-5	...	...	*	-26'635	-49'876	1'00	51.6786	9.6
...	48'258	-20'663	0.85	51.6764	10.1	*	37'377	-52'153	3'00	51.6778	7.7	...	26'554	+50'158	-5	...	...
...	48'122	+3'272	-5	M	...	*	37'345	+51'865	1.50	50.6844	9.0	...	26'343	+14'697	-4	...	...
...	48'074	+22'190	-2	50.6826	10.0	...	37'187	+23'215	0.80	50.6842	9.8	...	26'324	-31'376	-5	...	...
...	48'031	-36'049	-5	...	...	...	36'882	+3'659	-5	M	...	...	25'988	+20'693	-5	M	...
6I	-47'964	-42'139	1.20	51.6763	9.2	12I	-36'835	+21'727	-5	...	...	18I	-25'969	-40'938	-4	...	...
...	47'619	+9'939	-5	...	...	...	36'732	+44'002	-5	...	...	*	25'837	+2'277	1'00	50.6861	9.6
...	47'536	-35'638	1'00	51.6765	9.8	...	36'673	+42'028	0.90	50.6846	9.9	...	25'810	+37'189	-5	...	...
...	47'341	+43'046	-5	...	...	...	36'292	-10'901	-3	...	...	...	25'746	+19'553	0.85	50.6862	10.0
†	47'334	-59'294	-5	...	...	*	36'153	-5'826	1'00	50.6845	9.6	...	25'655	+59'680	-4	...	...
...	-47'240	+19'005	0.65	50.6828	10.2	...	-35'966	-56'976	-5	...	...	...	-25'510	+6'429	-3	50.6863	10.2
*	47'067	-17'589	1.10	51.6767	9.4	...	35'909	+12'743	-4	...	...	...	25'183	+55'701	-3	49.6919	10.1
...	46'691	+24'032	0.90	50.6829	9.8	†	35'887	-9'450	0.85	51.6779	9.9	...	24'382	-20'436	-5	...	...
...	46'549	+11'571	-5	...	...	...	35'386	+1'335	-2	50.6847	10.2	...	24'016	-30'925	-5	...	...
...	46'354	-24'148	-5	...	...	...	35'313	-38'267	1.10	51.6780	9.2	†	23'866	-49'465	1'00	51.6788	9.6
7I	-46'200	-33'010	-4	51.6769	10.2	13I	-34'822	+38'389	-2	50.6848	10.2	19I	-23'712	+32'043	-5	...	...
...	46'106	+44'907	0.95	50.6831	9.8	...	34'552	-40'366	-5	...	...	...	23'661	-14'789	-5	...	...
...	46'048	+36'554	1'00	50.6830	9.8	...	34'428	-1'344	-3	...	...	...	23'429	+55'459	-3	...	...
*	46'019	-51'488	1.25	51.6768	9.1	*	33'745	+36'562	1.50	50.6850	8.6	...	23'112	-33'021	-5	...	...
...	45'709	-25'547	-5	...	...	...	33'660	-50'157	-5	...	...	...	22'874	+38'572	-5	...	...
...	-45'498	+45'059	-4	50.6833	10.2	...	-33'488	+5'230	0.70	50.6849	9.8	...	-22'761	+20'687	-5	...	...
...	45'469	+53'706	-4	...	...	...	32'976	+46'907	0.90	50.6852	9.8	...	22'504	-32'219	1'00	51.6789	9.7
...	44'722	+5'735	-4	50.6832	10.2	...	32'924	-35'710	-4	...	...	...	22'477	+13'598	-5	M	...
...	44'503	+27'653	-5	...	...	...	32'795	+27'429	-5	50.6851	10.2	...	22'428	-20'003	-5	...	...
*	44'067	-52'923	1.20	51.6770	9.2	...	32'695	-36'378	-3	...	...	...	22'399	+59'066	-5	...	...
8I	-43'974	-14'415	0.85	51.6771	9.8	14I	-32'633	-52'992	-5	...	...	20I	-22'329	-19'246	-1	51.6790	10.1
†	43'906	-26'494	-5	...	...	...	32'157	+11'822	-5	M	...	*	22'074	+20'701	1'00	50.6864	9.6
...	43'456	+14'839	0.65	50.6834	10.1	†	32'141	-14'428	-4	...	...	...	21'906	+4'375	-3	...	...
...	43'446	-37'623	-2	51.6772	10.1	*	31'993	+5'791	1'00	50.6853	9.4	...	21'664	-39'123	0.80	51.6791	10.0
...	42'566	-10'771	0.65	51.6774	10.2	...	31'603	+1'929	-5	M	...	...	21'555	-28'606	-2	51.6792	10.2
...	-42'538	+1'742	0.90	50.6835	9.8	...	-31'582	-29'016	-4	...	...	...	-21'545	-22'318	-5	...	...
...	42'522	+40'795	-3	50.6836	10.1	...	31'570	+3'897	-5	...	...	...	20'856	+0'920	1'00	50.6865	9.8
...	42'099	-28'364	-5	...	...	*	31'382	-51'922	2.10	51.6781	8.0	...	20'774	+59'095	-5	...	...
...	42'075	-39'005	0.90	51.6773	9.8	...	31'160	-30'985	-4	...	...	*	20'147	-57'689	1.10	51.6793	9.1
...	41'885	-40'089	-4	...	...	†	31'139	-44'419	-5	...	...	...	20'025	-57'863	-1	...	...

159, 162. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
211-270						271-330						331-390					
211	-19° 792	-43° 016	0.90	51.6794	10.0	271	-10° 525	+37° 744	-5	...	...	331	+0° 769	+47° 825	-5	...	...
...	19° 588	-42° 308	-2	51.6795	10.2	...	10° 424	+0° 754	-4	50.6883	10.3	...	0° 838	+40° 828	-5	Mm	...
...	19° 462	+49° 319	-1	50.6868	10.0	*	10° 299	+54° 016	1.00	49.6936	9.2	...	0° 971	-2° 048	1.00	50.6893	9.6
*	19° 213	+14° 383	1.00	50.6866	9.7	...	10° 030	-54° 907	-3	51.6810	10.2	...	0° 989	+22° 694	-3	m	...
...	19° 155	+44° 693	0.95	50.6869	9.8	*	9° 881	-52° 439	1.20	51.6811	9.1	...	1° 002	-41° 585	0.90	51.6829	9.9
...	-19° 123	+13° 483	-5	50.6867	10.2	...	-9° 110	-50° 294	-2	51.6812	10.2	...	+1° 102	+45° 742	-2	...	...
...	19° 048	+25° 872	-5	...	...	*	8° 285	-12° 242	1.25	51.6813	9.1	*	1° 105	-35° 389	1.05	51.6830	9.1
...	18° 908	-41° 536	-5	p	...	...	8° 281	-35° 871	-4	...	...	...	1° 249	+3° 468	-2	50.6894	10.0
*	18° 832	-18° 615	1.00	51.6796	9.7	*	8° 203	+19° 983	1.20	50.6885	9.1	...	1° 419	+35° 270	-5	m	...
...	18° 729	-14° 901	-5	...	...	...	8° 053	+41° 508	-4	...	...	...	1° 538	-5° 886	-5	...	...
221	-18° 666	-47° 262	-3	...	...	281	-7° 960	-31° 853	-2	51.6815	10.2	341	+1° 748	-40° 703	-4	...	...
...	18° 653	-18° 658	-5	...	...	...	7° 771	-41° 963	-5	...	...	...	1° 785	+36° 331	-2	50.6895	10.3
...	18° 626	+43° 530	-5	...	...	...	7° 424	+53° 594	-3	49.6940	10.3	*	2° 198	-33° 018	1.00	51.6831	9.6
...	18° 134	-38° 671	-2	51.6797	10.1	...	7° 301	-0° 123	0.80	50.6886	10.0	...	2° 249	+4° 761	-1	m	...
...	18° 076	-1° 352	-5	...	...	*	7° 283	+42° 859	1.00	50.6888	9.6	...	2° 338	-45° 604	-5	...	...
...	-17° 998	+45° 205	-3	...	...	a	-7° 082	+0° 051	-3	50.6887	10.2	*	+2° 393	+49° 975	1.00	50.6896	9.8
*	17° 953	+48° 297	1.00	50.6870	9.3	...	6° 999	-51° 474	-3	...	...	...	2° 459	-28° 047	-3	...	...
†	17° 680	-9° 431	-5	...	...	...	6° 972	-20° 445	-5	p	...	*	2° 754	+48° 861	0.90	50.6897	9.9
...	17° 502	+34° 300	0.80	50.6872	10.0	*	6° 947	+57° 390	1.80	49.6941	8.7	...	2° 831	-10° 856	-4	51.6832	10.2
...	17° 464	+39° 684	-5	B	...	*	6° 766	-18° 660	1.05	51.6816	9.6	...	2° 850	-42° 762	-3	...	...
231	-17° 397	+24° 516	0.95	50.6871	9.8	291	-6° 399	+37° 739	-3	...	...	351	+3° 027	+57° 091	-2	49.6954	10.3
...	17° 265	+46° 764	-3	...	...	...	5° 841	-18° 751	1.00	51.6817	10.0	...	3° 243	-50° 481	0.90	51.6833	10.0
...	16° 589	-41° 819	0.80	51.6798	10.0	...	5° 814	-47° 110	-5	...	...	...	3° 457	+47° 154	-3	...	...
...	16° 554	+59° 226	-5	...	...	...	5° 709	+17° 894	1.00	50.6889	9.8	...	3° 874	+27° 675	-4	b	...
...	16° 179	+55° 673	-2	49.6928	10.2	...	5° 486	-47° 163	-5	...	...	...	4° 043	-36° 713	-2	51.6834	10.3
*	-16° 139	+38° 549	1.20	50.6873	9.0	S †	-5° 290	-58° 047	2.00	51.6818	8.0	...	+4° 157	+50° 106	0.90	50.6898	10.0
...	16° 132	-50° 132	-5	...	...	...	5° 115	-36° 506	-5	...	...	...	4° 272	+56° 648	1.00	49.6956	9.9
...	16° 111	-15° 087	-1	51.6800	10.0	...	5° 012	-53° 283	-5	...	...	†	4° 682	-47° 037	-5	...	...
...	15° 918	-33° 731	0.80	51.6799	10.0	...	4° 956	-5° 593	-5	p	...	...	4° 767	-59° 280	-5	...	...
...	15° 091	-0° 648	-5	50.6874	10.2	...	4° 809	+8° 133	-4	...	...	...	4° 783	-53° 613	-5	...	...
241	-15° 065	-19° 105	1.40	51.6801	8.8	301	-4° 739	-22° 972	-4	...	...	361	+4° 787	+24° 874	0.95	50.6899	9.8
*	14° 688	+33° 675	-5	...	...	*	4° 730	-28° 586	1.05	51.6820	9.5	*	4° 823	-7° 927	1.00	51.6835	9.6
...	14° 531	+33° 781	0.90	50.6875	9.8	...	4° 617	-55° 338	0.90	51.6819	10.0	...	4° 905	-32° 487	-5	...	...
†	14° 113	-39° 469	1.00	51.6802	9.6	...	4° 319	+53° 131	-3	...	...	...	5° 166	-25° 383	-4	...	...
†	14° 077	+30° 448	1.10	50.6876	9.1	...	4° 190	+38° 577	0.95	50.6890	10.0	...	5° 202	+48° 464	0.85	50.6900	10.2
...	-13° 885	-17° 810	-4	...	...	...	-3° 868	+42° 145	-4	...	...	...	+5° 811	-51° 464	-5	...	...
...	13° 749	-27° 308	-5	...	...	...	3° 675	-48° 544	-4	...	...	...	5° 824	-25° 729	-2	51.6836	10.3
...	13° 731	+35° 734	-4	...	...	...	3° 386	-24° 669	-4	...	...	...	5° 829	-13° 761	-5	...	...
...	13° 682	-9° 051	0.75	51.6803	9.9	...	3° 345	-28° 238	-3	...	...	*	6° 117	+23° 303	1.00	50.6901	9.3
...	13° 672	+46° 558	-3	50.6877	10.2	...	3° 261	+9° 011	-5	M	...	*	6° 131	-28° 554	1.00	51.6837	9.6
251	-13° 512	+23° 393	-5	...	...	311	-3° 061	-37° 419	-4	...	...	371	+6° 366	-26° 722	-4	...	...
...	13° 499	+27° 439	-5	...	...	...	2° 721	+21° 995	-3	...	...	...	6° 578	+43° 574	-4	a	...
...	13° 404	+38° 533	-2	50.6878	10.1	...	2° 485	-47° 733	0.90	51.6822	10.0	...	6° 628	-23° 127	-3	...	...
...	13° 297	-3° 478	-5	...	...	...	2° 286	-27° 810	0.90	51.6823	9.9	...	6° 929	+50° 101	-5	m	...
...	13° 135	+33° 351	-3	50.6879	10.2	...	1° 965	+4° 595	-5	Mm	...	...	7° 158	+2° 510	-4	b	...
...	-12° 970	-36° 017	-5	...	...	...	-1° 862	-1° 541	0.90	50.6891	10.0	...	+7° 213	+59° 639	-5	...	...
S *	12° 789	+41° 013	3.40	50.6880	7.6	...	1° 836	-11° 368	-2	...	...	S *	7° 229	-2° 913	1.20	50.6902	9.1
...	12° 652	-44° 943	-5	...	...	...	1° 375	-39° 285	-5	...	...	...	7° 367	+20° 135	-5	m	...
...	12° 592	+1° 983	-4	...	...	...	1° 291	-25° 420	-3	...	...	...	7° 477	+26° 455	-3	a	...
...	12° 336	+47° 590	1.00	50.6882	9.8	*	1° 157	+36° 563	1.90	50.6892	8.5	...	7° 570	-56° 286	-5	...	...
261	-12° 308	-6° 138	-5	50.6881	10.2	321	-1° 045	-46° 032	-5	...	...	381	+7° 934	+15° 036	0.95	50.6903	9.8
*	11° 971	-28° 634	1.10	51.6806	9.0	...	0° 942	-52° 231	0.90	51.6824	10.2	...	7° 981	-50° 778	-1	51.6838	10.3
...	11° 893	-42° 067	-5	...	...	...	0° 905	+30° 575	-5	...	...	*	8° 003	+40° 713	1.00	50.6904	9.8
n	11° 686	-30° 448	-5	51.6807	10.2	...	0° 217	-39° 550	-5	p	...	*	8° 258	-33° 162	1.00	51.6839	9.5
...	11° 679	+37° 486	-5	M	...	...	0° 105	-56° 386	-5	...	...	...	8° 273	+53° 980	-5	...	...
n	-11° 598	-30° 549	-4	51.6807	10.2	*	-0° 087	-49° 516	1.00	51.6825	9.6	...	+8° 705	-47° 719	-2	...	...
...	11° 289	-7° 222	-4	51.6809	10.2	...	+0° 072	-33° 577	0.95	51.6826	9.8	...	8° 964	-27° 789	-2	...	...
*	11° 011	-38° 803	1.00	51.6808	9.7	*	0° 254	-39° 268	1.00	51.6827	9.5	...	9° 280	-16° 915	0.85	51.6840	10.2
...	10° 709	-41° 018	-5	...	...	...	0° 706	-21° 533	0.75	51.6828	10.3	...	9° 380	+9° 901	1.00	50.6905	9.8
...	10° 661	+37° 047	-3	50.6884	10.3	...	0° 753	+37° 878	-4	m	...	...	9° 491	+52° 590	1.00	50.6906	10.0

264, 266. C.P.D., probably mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
391-450						451-510						511-570					
39I	+ 9.874	+11.384	0.65	50.6907	10.2	45I	+19.730	-21.922	-3	...	...	51I	+29.736	+43.815	0.80	50.6938	10.3
*	9.879	-46.877	1.30	51.6841	9.2	...	19.761	+14.831	-5	m	...	...	29.770	+49.428	-4	a	...
...	10.024	-51.593	0.80	51.6842	10.2	...	20.132	+34.692	-5	m	...	...	29.961	+52.606	-4	50.6939	10.3
...	10.206	-29.803	-5	...	...	...	20.160	+ 8.954	-5	m	...	...	29.965	+ 5.826	-4	b	...
...	10.276	-18.536	0.95	51.6843	10.2	*	20.346	+59.255	1.15	49.6975	9.6	...	30.185	-7.120	0.65	51.6868	10.2
...	+10.287	-51.495	-3	...	...	*	+20.915	-2.331	1.05	50.6920	9.6	...	+30.235	+53.854	-5	b	...
...	11.169	-21.554	1.00	51.6844	9.5	*	21.379	-10.992	1.00	51.6856	9.9	...	30.306	-18.234	0.75	51.6869	10.2
...	11.228	+46.741	-2	50.6908	10.3	...	21.416	-15.360	-5	p	...	...	30.970	+32.511	-5	b	...
...	11.262	- 1.490	-5	p	...	*	21.861	- 4.892	1.05	50.6921	9.6	...	30.977	-43.896	-4	...	...
...	11.394	- 4.268	-5	...	...	...	21.948	+46.439	-5	m	...	...	31.044	+23.807	-5	m	...
40I	+11.531	+34.903	- 5	m	...	46I	+21.985	+28.692	-5	...	...	52I	+31.445	-46.874	- 4	...	...
*	11.590	+32.875	1.00	50.6909	9.8	...	22.159	+26.915	0.75	50.6922	10.3	...	31.708	-42.135	-5	...	...
...	11.667	-48.867	- 3	...	...	...	22.214	+38.695	-5	m	...	...	31.904	+18.338	-3	...	...
...	12.136	-17.857	0.85	51.6845	10.0	...	22.626	-15.484	- 5	...	...	...	31.978	+24.635	-5	m	...
...	12.453	+42.995	- 5	m	...	*	22.627	+33.140	1.00	50.6923	9.8	...	32.093	-27.888	-5	...	...
*	+13.029	-19.051	1.00	51.6846	9.4	...	+22.833	-41.594	- 5	...	...	*	+32.710	+32.692	-5	b	...
...	13.152	+25.191	0.65	50.6910	10.2	*	23.017	+ 9.807	1.00	50.6924	9.8	...	32.784	+ 4.518	1.20	50.6940	9.3
...	13.183	- 2.090	- 5	...	...	...	23.600	+37.390	- 3	...	...	...	33.010	-38.002	-5	p	...
...	13.477	-46.984	- 4	...	...	...	23.656	+20.210	- 5	m	...	...	33.044	-16.093	-3	...	...
...	13.480	+27.148	- 3	...	...	...	23.700	+34.899	0.70	50.6925	10.2	...	33.367	+48.036	-2	...	...
41I	+13.597	+ 3.893	- 5	m	...	47I	+23.802	-23.884	1.00	51.6857	9.6	53I	+33.459	+23.026	1.00	50.6941	9.3
...	13.735	+ 1.657	- 2	...	...	*	24.471	-42.458	- 4	...	...	S *	33.577	+10.034	1.25	50.6943	9.1
*	13.741	+31.099	1.00	50.6911	9.8	...	24.474	+37.343	- 3	...	...	...	33.781	+12.776	- 4	...	...
...	13.905	+ 2.791	- 5	m	...	...	24.510	+56.080	1.00	49.6981	9.6	...	33.800	+42.468	1.00	50.6942	10.0
...	14.029	+23.654	- 4	...	...	...	24.750	+14.490	0.90	50.6926	9.9	...	34.185	-39.560	0.85	51.6870	10.2
...	+14.069	- 2.138	- 3	...	...	...	+24.849	+13.204	1.00	50.6927	9.8	...	+34.367	+41.839	1.00	50.6944	10.0
...	14.143	-29.223	- 4	...	...	...	25.114	-19.036	0.80	51.6859	10.3	...	34.389	- 1.679	- 3	50.6945	10.3
...	14.340	+30.631	0.90	50.6912	9.9	...	25.148	-23.292	- 3	...	...	...	34.436	+28.355	-5	m	...
...	14.375	+43.385	- 5	m	...	...	25.458	+20.602	- 2	...	...	...	34.685	- 6.797	- 2	...	...
*	14.883	-34.667	1.00	51.6848	9.8	...	25.561	+35.768	0.95	50.6928	9.9	...	34.691	+54.197	- 3	49.6995	10.3
42I	+14.923	+53.469	- 4	...	...	48I	+26.224	-48.846	1.00	51.6861	9.8	54I	+34.809	+41.117	- 5	b	...
*	14.940	-17.372	1.00	51.6847	9.4	S *	26.330	-29.157	2.35	51.6862	8.3	...	35.160	+ 7.548	- 3	...	...
...	15.003	-23.703	- 5	p	...	...	26.413	+43.923	- 5	m	...	*	35.233	-37.769	1.00	51.6872	9.6
...	15.363	+47.070	- 5	...	...	...	26.529	+23.058	- 5	m	...	...	35.888	-33.313	- 5	...	...
...	15.743	-53.975	- 5	p	...	...	26.592	-53.299	1.00	51.6864	9.8	...	36.076	-22.318	- 5	...	...
...	+16.045	- 1.776	0.75	50.6913	10.2	†	+26.732	-54.353	- 2	51.6865	10.0	...	+36.377	- 8.841	- 4	...	...
...	16.226	+ 4.387	0.65	50.6914	10.0	...	26.771	-10.024	0.90	51.6863	9.9	...	36.440	-20.002	- 5	...	...
...	16.346	+51.253	- 5	m	...	...	26.777	+38.158	- 3	...	...	*	36.505	+50.456	1.20	50.6946	9.3
...	16.571	+46.796	- 5	m	...	*	26.864	+53.348	1.50	49.6986	9.3	...	36.716	+27.189	- 4	...	...
...	16.765	-56.350	- 3	51.6849	10.3	...	26.942	+28.854	0.75	50.6929	10.2	...	36.774	+13.605	- 3	...	...
43I	+16.809	+51.941	1.10	50.6915	9.6	49I	+27.152	+51.085	- 5	...	...	55I	+36.950	-31.395	- 4	...	...
*	17.158	-18.817	1.00	51.6850	9.6	...	27.329	-30.823	- 5	...	...	...	37.176	+17.130	- 4	...	...
*	17.231	-53.474	1.05	51.6851	9.6	...	27.461	+48.245	- 2	50.6930	10.3	...	37.222	-30.278	- 5	...	...
*	17.466	+14.854	1.00	50.6916	9.8	...	27.579	-58.366	- 5	...	...	...	37.309	+ 3.181	- 5	m	...
...	17.491	+59.522	- 3	49.6965	10.3	<i>a</i>	28.005	+ 0.185	- 2	50.6933	10.2	...	37.371	+50.120	0.65	50.6947	10.0
*	+17.633	-20.811	1.00	51.6852	9.6	*	+28.171	+48.342	1.00	50.6931	9.8	...	+37.339	-24.147	0.90	51.6873	10.0
N	17.842	+53.104	- 3	50.6917	10.3	*	28.298	-51.555	1.10	51.6866	9.3	...	37.452	+ 6.089	- 4	a	...
...	18.030	-49.330	- 5	...	...	...	28.375	+48.887	- 2	50.6932	10.2	...	37.521	-55.123	- 3	51.6874	10.2
...	18.245	-48.243	- 5	...	...	...	28.412	-48.821	- 5	...	...	...	37.728	+12.673	- 5	m	...
...	18.273	+48.887	- 5	m	...	...	28.435	-57.147	- 3	51.6867	10.2	...	37.818	-37.105	- 5	...	...
44I	+18.387	-32.105	- 2	51.6853	10.3	50I	+28.548	+35.832	- 1	50.6934	10.0	56I	+37.829	+ 1.256	- 4	a	...
...	18.397	+ 4.100	- 5	m	...	...	28.645	+15.944	- 3	...	...	...	37.847	-38.018	- 3	51.6875	10.3
...	18.431	-26.899	- 3	51.6854	10.3	...	28.679	+35.644	- 5	m	...	...	37.889	-11.865	- 5	...	...
...	18.596	-38.404	- 4	...	...	...	28.723	+29.098	0.85	50.6935	10.0	...	37.890	+45.983	- 5	b	...
...	18.605	+27.054	0.70	50.6918	10.3	...	28.848	+ 3.972	- 5	m	...	†	38.287	+15.400	1.00	50.6948	9.6
...	+18.957	+53.827	- 5	m	...	...	+28.969	+15.965	0.75	...	...	...	+38.368	-37.590	- 4	...	...
...	18.976	+58.637	0.70	49.6969	10.2	...	28.986	-47.741	- 5	...	...	...	38.413	-57.933	- 2	51.6876	10.3
...	19.262	-20.669	0.90	51.6855	9.9	†	29.534	+34.737	0.80	50.6936	10.0	...	38.483	-21.169	- 4	...	...
S *	19.317	+47.501	1.80	50.6919	8.8	†	29.613	+20.972	1.00	50.6937	9.6	...	38.555	-16.107	- 1	...	...
...	19.402	+54.462	0.75	49.6970	10.2	...	29.674	+39.180	- 4	a	...	...	38.564	+ 3.262	- 4	b	...

437. Mass. 50° 73, two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
571-630						631-690						691					
57I	+38°594	+41°748	-3	50.6949	10.3	63I	+49°309	+54°889	-4	...	...	69I	+59°37I	+34°843	-I	50.698I	10.2
...	38°770	-57°036	-5	...	...	...	49°626	+41°383	-4	...	...	...	...	...	...	...	...
...	38°958	-37°043	-I	51.6877	10.3	...	50°02I	+17°867	-3	50.6964	10.3	...	...	...	...	...	...
...	39°040	-33°868	1.00	51.6878	10.0	*	50°122	-30°977	1.15	51.689I	9.2	...	...	...	...	...	...
...	39°094	+49°856	-4	50.6950	10.3	...	50°304	+46°497	-5	...	...	...	...	...	...	...	...
...	+39°192	-6°417	-4	...	...	...	+50°445	-38°712	-5	...	...	...	...	...	...	...	...
*	39°340	+48°417	1.40	50.695I	9.2	*	50°625	-28°644	1.00	51.6892	9.6	...	...	...	...	...	...
...	39°385	+40°822	0.95	50.6952	10.0	...	50°628	+48°583	-3	50.6965	10.2	...	...	...	...	...	...
...	39°733	-53°706	-2	51.6879	10.3	...	50°629	-32°386	-5	...	...	...	...	...	...	...	...
...	40°462	-48°209	-4	...	...	...	50°928	-22°784	-I	51.6893	10.3	...	...	...	...	...	...
58I	+40°547	+53°490	1.05	49.7005	9.6	64I	+50°989	+29°109	1.05	50.6966	9.6	...	...	...	...	...	...
*	40°567	-22°911	-4	...	...	*	51°419	+39°655	-5	a	...	...	...	...	...	...	...
...	40°826	-38°380	-5	...	...	...	51°635	-2°637	0.75	50.6967	10.2	...	...	...	...	...	...
*	41°112	-56°315	1.35	51.6880	9.3	...	51°717	-23°067	0.80	51.6894	10.2	...	...	...	...	...	...
†	41°126	+0°377	0.80	50.6954	10.2	...	51°997	-3°43I	0.70	50.6968	10.2	...	...	...	...	...	...
...	+41°209	+31°665	0.80	50.6953	10.2	...	+52°187	+14°123	-5	m	...	...	...	...	...	...	...
...	41°474	+14°232	-5	m	...	...	52°307	-17°014	-5	...	...	...	...	...	...	...	...
†	41°579	+20°376	-5	...	...	...	52°347	-5°648	0.70	50.6970	10.2	...	...	...	...	...	...
...	42°48I	-17°552	-4	...	...	*	52°487	-11°457	1.00	51.6895	9.6	...	...	...	...	...	...
...	42°665	-21°883	-4	...	...	...	52°635	-12°957	0.90	51.6896	9.8	...	...	...	...	...	...
59I	+42°666	+5°244	-5	m	...	65I	+52°674	+7°399	-5	m	...	...	...	...	...	...	...
...	43°158	-46°633	1.00	51.688I	10.0	e	52°677	-45°110	-I	51.6897	10.0	...	...	...	...	...	...
...	43°259	-56°090	-5	...	...	...	52°765	+38°302	0.90	50.6969	9.9	...	...	...	...	...	...
...	43°676	-1°046	-2	...	...	S e *	52°986	-49°089	1.70	51.6898	8.7	...	...	...	...	...	...
...	43°759	-54°722	-I	51.6882	10.2	...	53°087	+53°092	-3	49.7024	10.3	...	...	...	...	...	...
...	+44°064	+54°312	-5	...	...	e *	+53°259	-39°600	1.35	51.6899	9.0	...	...	...	...	...	...
...	44°217	+21°116	-5	m	...	e	53°304	-56°324	-4	51.6900	10.2	...	...	...	...	...	...
...	44°253	-1°724	-5	...	...	...	53°812	+45°044	-3	50.697I	10.2	...	...	...	...	...	...
...	44°32I	-37°350	-4	...	...	...	54°227	-57°805	-5	...	...	...	...	...	...	...	...
...	45°06I	-30°933	-5	...	...	†	54°460	+17°16I	-5	...	...	...	...	...	...	...	...
60I	+45°138	+1°839	0.70	50.6955	10.2	66I	+54°560	+30°378	-5	...	...	...	...	...	...	...	...
*	45°216	-25°813	2.00	51.6883	8.5	†	54°574	+56°12I	-I	49.7028	10.0	...	...	...	...	...	...
...	45°483	+16°942	-5	m	...	...	54°617	+33°274	-4	...	...	...	...	...	...	...	...
...	45°615	-43°223	-3	...	...	...	54°844	+49°885	-5	...	...	...	...	...	...	...	...
...	45°984	-4°073	-2	50.6956	10.3	...	55°066	+13°665	-4	...	...	...	...	...	...	...	...
...	+46°153	+37°570	-5	a	...	...	+55°196	+2°507	-4	e	...	...	...	...	...	...	...
...	46°377	+45°857	-5	...	...	*	55°297	+57°543	1.05	49.7029	9.6	...	...	...	...	...	...
...	46°400	-4°674	0.80	50.6957	10.2	...	55°358	+28°772	-4	50.6973	10.3	...	...	...	...	...	...
*	46°500	-24°27I	1.00	51.6885	9.3	*	55°459	+48°45I	1.10	50.6972	9.4	...	...	...	...	...	...
*	46°506	-22°754	1.25	51.6884	9.1	†	55°587	-14°479	-5	e	...	...	...	...	...	...	...
61I	+46°530	-6°72I	1.00	50.6958	9.3	67I	+55°778	-4°804	1.15	50.6975	9.3	...	...	...	...	...	...
*	46°72I	+21°192	-3	...	...	e *	55°81I	-52°630	-5	51.6902	10.3	...	...	...	...	...	...
...	46°968	-47°930	-5	...	...	e	55°896	+32°828	0.75	50.6974	10.2	...	...	...	...	...	...
...	47°063	-18°708	-5	...	...	...	56°228	-11°188	-4	e	...	...	...	...	...	...	...
*	47°508	+0°300	1.05	50.6962	9.2	...	56°530	-0°669	-5	e	...	...	...	...	...	...	...
...	+47°537	+37°416	-5	b	...	*	+56°857	+34°138	1.05	50.6976	9.3	...	...	...	...	...	...
...	47°540	+32°905	0.95	50.6959	9.9	...	57°276	-2°173	-5	...	...	...	...	...	...	...	...
...	47°565	-6°875	0.75	50.6963	10.3	e	57°46I	-29°896	-I	51.6903	10.2	...	...	...	...	...	...
...	47°673	+35°454	0.90	50.6960	10.0	*	57°620	+10°79I	1.00	50.6978	9.8	...	...	...	...	...	...
*	47°922	+43°756	1.15	50.696I	9.3	...	57°693	-20°69I	-5	e	...	...	...	...	...	...	...
62I	+48°044	-20°742	-5	...	...	68I	+57°766	+58°383	1.20	49.7033	9.4	...	...	...	...	...	...
...	48°153	+49°486	-5	b	...	e *	57°813	-21°427	1.30	51.6904	9.2	...	...	...	...	...	...
...	48°288	-6°642	-5	...	...	...	57°827	+27°575	-I	50.6977	10.2	...	...	...	...	...	...
*	48°414	-10°936	1.00	51.6887	9.6	...	58°090	+38°250	-4	...	...	...	...	...	...	...	...
...	48°450	+15°966	-3	...	...	e	58°244	-7°003	-I	50.6979	10.3	...	...	...	...	...	...
*	+48°455	-25°453	1.40	51.6888	8.8	e	+58°492	-50°776	-4	51.6905	10.2	...	...	...	...	...	...
...	48°455	-53°41I	1.00	51.6890	9.6	...	58°849	-34°582	-4	e	...	...	...	...	...	...	...
...	48°482	-40°752	1.00	51.6889	9.8	*	58°858	+57°52I	2.00	49.7037	8.6	...	...	...	...	...	...
...	48°502	-23°668	-3	...	...	e	59°276	-20°823	0.85	51.6906	10.2	...	...	...	...	...	...
...	49°263	-4°112	-5	...	...	...	59°346	+28°609	-5	m	...	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-59.804	+48.342	1.00	50.6972	9.4	6I	-50.187	-28.643	-5	...	...	12I	-42.082	-28.121	-5	...	...
†	59.525	+17.049	-5	...	...	...	50.141	-22.110	-5	...	...	†	41.925	-54.284	1.10	51.6925	9.3
...	59.111	+28.681	-5	50.6973	10.3	...	49.685	-27.329	-4	...	...	...	41.890	-17.776	0.85	51.6926	10.2
...	58.798	+13.583	-5	...	...	...	49.560	+32.915	-5	M	...	...	41.765	+11.084	0.70	50.7005	10.2
E	58.795	-45.240	-2	51.6897	10.0	...	49.522	-27.814	0.95	51.6909	10.0	...	41.576	+29.619	0.90	50.7006	9.9
...	-58.731	+32.738	-2	50.6974	10.2	...	-49.270	+51.731	-3	50.6988	10.2	...	-41.500	+34.368	-5	M	...
E *	58.435	-39.709	1.30	51.6899	9.0	...	49.248	+30.119	-5	M	...	*	41.410	-13.484	1.00	51.6927	9.5
SE *	58.344	-49.193	1.65	51.6898	8.7	*	49.190	-25.303	1.00	51.6910	9.9	...	41.353	-51.781	-5	...	...
...	58.199	+2.418	-5	E	...	...	48.991	+40.683	-5	M	...	...	41.314	+27.775	-5	M	...
...	57.904	+58.349	-1	49.7033	9.4	...	48.737	-36.245	0.70	51.6911	10.0	...	41.244	-21.424	-1	51.6928	10.2
II						7I						13I					
*	-57.813	+34.085	1.05	50.6976	9.3	*	-48.401	+35.605	1.30	50.6989	9.1	...	-41.192	-20.676	-3	...	...
E	57.729	-56.415	-4	51.6900	10.2	...	48.356	-45.669	-3	...	...	*	41.137	-16.519	1.00	51.6930	9.5
E *	57.325	-4.852	1.10	50.6975	9.3	...	48.320	-53.603	-1	51.6912	10.0	...	41.094	-18.888	0.70	51.6929	10.2
†	57.122	-14.530	-4	E	...	...	48.243	+59.727	-5	M	...	...	41.084	+45.814	-4	50.7009	10.3
*	56.779	+57.534	1.90	49.7037	8.6	...	48.201	+35.838	-5	M	...	...	40.997	+16.002	0.80	50.7007	10.3
...	-56.758	+38.257	-3	...	...	...	-48.113	+36.189	0.80	50.6990	10.2	...	-40.944	-31.437	-3	...	...
...	56.757	-0.690	-5	E	...	...	48.067	+25.175	-5	M	...	...	40.887	+30.132	0.95	50.7008	9.8
...	56.617	-11.205	-4	E	...	*	47.905	+27.280	1.20	50.6991	9.2	...	40.872	-58.590	-4	...	...
...	56.599	-10.349	-5	...	...	*	47.868	-44.587	1.20	51.6913	9.3	S *	40.576	-31.936	3.00	51.6931	7.8
...	56.590	+27.587	-2	50.6977	10.2	...	47.734	+37.328	-5	M	...	...	40.521	+51.985	-5	...	...
2I						8I						14I					
*	-56.127	+10.808	1.00	50.6978	9.8	...	-47.297	+27.280	-5	...	...	*	-40.265	-11.457	1.00	51.6932	9.6
...	55.927	+25.705	-5	M	...	...	47.171	-12.658	-3	...	...	*	40.111	+22.171	1.00	50.7010	9.8
...	55.809	+52.148	1.00	50.6980	9.8	S *	47.097	+11.772	2.00	50.6992	8.6	...	39.856	+22.178	0.90	50.7011	9.9
...	55.778	-44.740	-5	...	...	†	46.678	-9.462	1.05	51.6916	9.5	S †	39.747	+58.915	5.90	49.7073	4.5
...	55.360	+34.898	-2	50.6981	10.2	...	46.607	+11.872	-3	...	...	...	39.683	+14.157	-4	...	...
E	-55.344	-52.636	-5	51.6902	10.3	*	-46.600	-43.404	1.35	51.6915	9.2	...	-39.611	+43.045	-1	50.7013	10.2
...	55.335	-53.132	-5	...	...	...	46.553	-17.480	-5	...	...	...	39.447	-4.646	-5	...	...
E	54.789	-6.939	-1	50.6979	10.3	...	46.153	-36.369	-1	51.6917	10.3	...	39.437	-28.033	-5	...	...
...	54.765	-20.644	-5	E	...	...	46.122	+7.486	-4	...	...	...	39.167	+42.647	-5	M	...
E	54.649	-29.851	-2	51.6903	10.2	...	46.102	-17.158	-5	p	...	*	39.027	-3.647	1.05	50.7012	9.6
3I						9I						15I					
*	-54.634	-21.367	1.10	51.6904	9.2	*	-46.047	+47.719	1.20	50.6995	9.2	†	-38.764	+20.464	0.80	50.7014	10.2
E *	54.594	+42.303	1.25	50.6982	9.2	...	46.021	-36.032	0.65	51.6918	10.3	...	38.575	-23.625	-5	...	...
...	54.312	+16.209	-4	...	...	*	45.960	-29.513	1.00	51.6919	9.2	*	38.452	-51.269	1.00	51.6933	9.6
...	54.158	+31.335	-4	B	...	*	45.922	+9.481	1.00	50.6993	9.8	...	38.037	-19.341	-5	...	...
...	54.154	+29.216	-4	...	...	†	45.863	+60.322	-4	...	...	...	37.756	-21.060	0.80	51.6935	10.3
...	-53.974	+12.884	0.80	50.6983	10.2	*	-45.688	+3.524	1.00	50.6994	9.8	...	-37.751	+29.005	-5	M	...
...	53.599	+13.008	-5	M	...	...	45.614	-37.907	-5	...	...	†	37.640	-19.430	-5	...	...
*	53.319	+55.560	1.00	49.7047	9.5	*	45.433	+21.816	0.95	50.6996	9.8	...	37.568	-16.401	-3	...	...
...	53.314	+42.426	-5	...	...	...	45.431	+17.158	-5	M	...	*	37.531	-39.493	1.00	51.6934	9.5
E	53.193	-20.708	-1	51.6906	10.2	*	44.833	+2.137	1.20	50.6997	9.2	...	37.489	-54.966	-3	...	...
4I						10I						16I					
*	-53.168	+58.220	1.90	49.7048	8.9	...	-44.801	+50.002	0.95	50.6999	9.8	...	-37.457	+32.271	0.90	50.7015	10.0
†	53.082	-34.474	-3	E	...	...	44.601	-28.137	0.90	51.6921	9.9	...	37.399	-19.021	-3	...	...
...	52.983	+43.920	-2	50.6985	10.0	*	44.277	-5.951	1.35	50.6998	9.1	*	37.168	+42.663	1.00	50.7016	9.6
*	52.880	+6.952	1.10	50.6984	9.3	*	43.971	-47.050	1.00	51.6922	9.6	...	37.045	+36.754	0.95	50.7017	9.8
E	52.767	-50.661	-4	51.6905	10.2	†	43.785	-14.431	0.70	51.6923	9.9	...	37.007	-18.439	-2	...	...
...	-52.355	-13.614	-5	...	...	...	-43.663	+23.965	-5	M	...	...	-36.988	-12.886	-5	...	...
*	52.117	+3.429	1.25	50.6986	9.2	...	43.321	+4.253	-4	...	...	...	36.916	-33.461	-2	...	...
...	52.084	-12.460	-5	...	...	*	43.265	+10.827	1.00	50.7000	9.8	*	36.628	+59.139	1.00	49.7079	9.8
...	51.467	+40.662	-5	B	...	...	43.088	+31.310	-4	...	...	...	36.529	-52.823	-5	...	...
...	51.152	-39.001	-4	...	...	...	43.067	+55.139	-5	...	...	...	36.453	-41.018	-3	...	...
5I						11I						17I					
...	-51.056	-53.835	-5	...	...	†	-43.007	-54.347	0.80	51.6924	9.9	...	-36.281	-43.113	-5	...	...
...	51.006	-23.104	-3	...	...	...	42.791	+55.595	-5	M	...	...	36.237	+23.914	-4	...	...
...	50.715	-22.693	-5	...	...	...	42.703	+24.228	-4	A	...	...	36.231	-3.722	0.75	50.7018	10.2
...	50.715	-29.325	-5	...	...	...	42.651	+26.280	-4	...	...	...	35.529	-2.651	-4	...	...
...	50.689	+48.342	-1	50.6987	10.2	...	42.640	+42.630	-4	A	...	...	35.383	+25.305	0.95	50.7019	9.8
*	-50.570	-41.980	2.00	51.6908	8.5	...	-42.637	+51.757	-5	M	...	†	-34.964	-29.688	-4	51.6936	10.3
...	50.528	-2.001	-5	...	...	*	42.627	+5.975	2.20	50.7001	8.4	*	34.690	-3.365	1.00	50.7020	9.6
...	50.398	-19.784	-4	...	...	...	42.475	-1.763	0.70	50.7002	10.2	...	34.588	+39.731	-5	...	...
...	50.386	+39.675	-4	...	...	...	42.354	+9.065	0.95	50.7003	10.0	*	34.567	+22.604	1.00	50.7021	9.6
...	50.249	-11.574	-5	...	...	...	42.293	+34.851	0.70	50.7004	10.2	...	34.511	-57.255	-5	...	...

L measured from 1, 143, 319, 424, 578, 739.
C " " 63, 251, 349, 497, 651, 820.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	γ.		No	Mag.		α.	γ.		No	Mag.		α.	γ.		No	Mag.
181-240						241-300						301-360					
18I	-34.441	-32.760	-5	...	...	24I	-25.598	+13.959	1.00	50.7036	9.5	30I	-16.700	+41.761	-4	...	...
...	34.279	+8.975	-3	...	...	*	25.593	+46.295	1.00	50.7037	9.6	...	16.560	+17.021	0.85	50.7045	9.9
...	34.164	+4.729	-5	M	...	...	25.495	-2.592	-2	50.7035	10.3	...	16.532	+17.065	-4	B	...
...	34.143	+33.720	0.85	50.7022	10.0	...	25.473	+32.181	-5	M	...	...	16.522	-39.076	-4	...	...
...	34.048	+59.626	-3	49.7083	10.3	...	25.447	-37.740	-5	...	...	†	16.426	-34.466	0.80	51.6959	9.9
...	-33.870	-9.856	-2	...	...	...	-25.409	-14.092	-5	...	...	*	-16.218	+29.542	1.40	50.7047	8.8
...	33.813	+25.128	0.65	50.7023	10.3	...	25.315	-32.573	0.80	51.6950	10.3	...	16.191	+5.219	-5	M	...
†	33.710	+30.356	1.15	50.7024	8.8	†	25.111	-13.432	-2	51.6951	10.3	...	16.125	-3.093	0.85	50.7046	10.2
...	33.581	+50.482	-5	M	...	†	25.086	+54.677	1.00	49.7102	9.3	...	16.108	+51.368	-2	...	...
...	33.535	-19.672	-5	...	...	†	25.052	+48.250	1.20	50.7038	9.2	...	16.041	+19.658	0.65	...	...
19I	-33.512	+54.031	-4	...	...	25I	-24.896	-18.548	-2	...	...	31I	-15.862	+14.790	-5	M	...
...	33.416	-19.216	-5	...	...	†	24.774	+45.314	-4	...	...	...	15.761	-33.432	-3	...	...
...	33.263	+20.269	-3	...	...	...	24.604	-28.417	-5	...	...	...	15.653	-19.572	-3	...	...
...	33.190	+6.261	-5	M	...	...	24.262	+0.631	-2	...	...	...	15.583	-2.226	-5	p	...
...	33.075	+60.205	-5	M	...	...	24.088	-31.709	-5	...	...	...	15.550	-40.249	-5	p	...
...	-33.012	-18.148	0.75	51.6937	10.3	...	-23.945	-55.555	0.65	51.6952	10.3	...	-15.403	+9.077	0.70	50.7048	10.2
...	32.086	+44.282	0.95	50.7025	9.8	...	23.821	+35.040	0.95	50.7039	9.8	...	15.282	+14.528	-3	...	...
...	31.922	+42.962	0.90	50.7026	10.2	...	23.782	+57.271	-5	M	...	*	15.243	+42.925	1.00	50.7049	9.5
...	31.272	-54.803	-5	...	...	...	23.769	+29.516	-3	...	...	...	14.902	+43.591	-2	...	...
...	31.222	+12.673	-5	M	...	...	23.711	-27.684	-5	...	...	...	14.832	+31.411	-5	M	...
20I	-31.144	+3.924	-5	M	...	26I	-23.655	-3.474	-4	...	...	32I	-14.720	+34.378	-5	M	...
...	30.875	+4.098	0.65	50.7027	10.3	*	23.624	-22.684	1.20	51.6954	9.1	...	14.671	+36.730	-5	M	...
*	30.591	-16.556	0.95	51.6939	9.9	...	23.122	+56.522	-5	M	...	†	14.512	-9.546	-5	...	...
...	30.586	+25.004	-2	50.7028	10.3	...	22.542	-25.545	-5	...	...	...	14.408	+54.518	-3	49.7120	10.3
...	30.485	-47.460	-2	...	...	...	22.379	-21.691	-5	p	...	...	14.407	-38.817	-4	...	...
...	-30.414	+50.533	-3	50.7029	10.3	...	-22.326	-32.581	-5	...	...	...	-13.345	-6.314	-3	...	...
...	30.361	+47.684	-5	...	...	*	21.938	+23.848	1.00	50.7040	9.3	...	13.328	+58.587	-5	...	...
...	30.311	-7.651	-3	...	...	...	21.778	+50.242	-4	...	...	...	13.289	+36.079	-4	...	...
†	29.956	-27.402	-5	...	...	*	21.435	+47.656	1.00	50.7041	9.8	*	13.131	-43.552	0.95	51.6960	9.6
†	29.948	+15.800	-5	...	...	...	21.304	+16.839	-5	M	...	...	13.050	+27.711	-5	...	...
21I	-29.655	-26.964	-5	...	...	27I	-21.146	-28.832	-4	...	...	33I	-13.023	+35.006	0.90	50.7050	9.8
...	29.631	+17.130	0.80	50.7030	10.2	...	21.084	+43.198	0.65	50.7042	10.2	...	12.552	+27.698	1.00	50.7051	9.9
...	29.551	+48.818	-5	M	...	...	21.035	-52.395	-5	...	...	...	12.352	-39.941	-5	...	...
*	29.428	-56.255	2.10	51.6940	8.2	...	21.030	-57.301	-1	...	...	...	12.272	-25.474	0.90	51.6961	9.8
*	29.297	+50.017	-5	M	...	...	20.881	-23.933	-4	...	...	...	12.220	+43.265	-5	...	...
...	-29.222	-46.203	1.00	51.6941	9.6	†	-20.793	-19.503	-4	...	...	†	-12.198	+10.432	-5	M	...
...	29.107	+35.524	-5	M	...	...	20.483	+52.215	-5	...	...	...	12.130	-41.601	0.80	51.6962	10.2
...	28.891	-34.663	-3	51.6942	10.3	...	20.388	-17.143	-5	...	...	...	11.953	-40.112	-4	...	...
...	28.714	-6.300	-5	...	...	...	20.354	+58.502	-5	M	...	...	11.950	-42.641	-4	...	...
...	28.575	-15.978	0.75	51.6943	10.2	...	20.352	+9.692	-4	B	...	...	11.841	-17.463	-5	...	...
22I	-28.440	-51.114	-5	...	...	28I	-19.887	+21.512	-5	M	...	34I	-11.315	-30.748	-4	...	...
...	28.205	+31.666	-3	...	...	...	19.570	-52.995	-3	...	...	*	11.310	-58.888	1.00	51.6963	9.6
*	28.152	-24.934	1.00	51.6945	9.6	...	19.549	+3.171	-4	B	...	...	10.702	-48.448	-5	...	...
...	28.100	-20.299	-5	...	...	...	19.301	+17.072	-5	M	...	...	10.574	+58.616	-5	M	...
...	28.042	-1.229	-5	...	...	...	19.130	-56.190	-4	...	...	...	10.490	-4.835	-5	...	...
*	-28.027	-55.215	1.80	51.6944	8.7	...	-19.030	-1.508	-5	...	...	...	-10.386	-14.162	0.85	51.6965	10.0
...	27.973	-7.686	-5	...	...	...	18.849	-31.104	0.75	51.6956	10.0	†	10.385	+5.423	-4	B	...
...	27.494	+3.471	0.90	50.7031	10.0	...	18.677	+23.195	-5	M	...	...	10.188	+3.309	0.95	50.7052	9.8
*	27.456	+29.861	1.40	50.7032	8.8	...	18.504	-36.588	-5	...	...	...	9.934	+51.037	-5	...	...
...	27.380	+33.805	-5	...	...	...	18.475	+50.646	0.70	50.7043	10.2	...	9.559	-27.034	0.90	51.6967	10.0
23I	-27.087	+43.595	0.75	50.7033	10.0	29I	-18.262	+29.919	-3	...	...	35I	-9.556	+42.990	0.70	50.7055	10.0
...	26.617	-39.884	0.70	51.6947	10.2	*	17.800	-41.123	1.20	51.6957	9.2	...	9.537	-2.850	-4	50.7053	10.3
...	26.490	+11.169	-5	M	...	...	17.787	+41.547	0.90	50.7044	10.2	...	9.516	-18.673	-4	...	...
...	26.453	+49.251	-5	M	...	*	17.421	-31.224	1.05	51.6958	9.3	...	9.509	+50.851	0.90	50.7056	9.8
...	26.013	+14.072	-3	...	...	†	17.153	-14.458	-5	...	...	...	9.451	+6.159	1.05	50.7054	9.3
...	-25.921	+1.785	0.75	50.7034	10.2	...	-17.113	-17.807	-5	...	...	*	-9.296	+43.355	1.00	50.7058	9.9
...	25.898	-1.541	-5	...	...	...	17.111	-7.971	-5	...	...	S *	9.201	+33.640	1.90	50.7057	8.5
...	25.847	-8.064	-5	...	...	...	17.107	+59.923	0.75	49.7117	10.2	...	9.091	-13.526	-4	...	...
*	25.708	-15.406	1.00	51.6949	9.8	...	17.004	-24.295	-3	...	...	...	8.918	+25.762	0.80	50.7059	10.2
...	25.679	-47.687	-5	p	...	...	16.928	+17.099	-5	M	...	...	8.687	-19.579	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-420						421-480						481-540					
36I	-8.662	-2.564	1.00	50.7060	9.4	42I	-0.666	+24.107	-4	m	...	48I	+8.166	-42.967	-2	51.6999	10.2
*	8.063	+14.589	1.20	50.7061	9.3	...	0.582	+5.542	-4	Bm	...	*	8.298	+36.742	1.30	50.7089	8.9
...	8.029	-44.148	-4	...	...	...	0.532	+32.277	0.95	50.7076	9.8	...	8.638	-52.260	-5	...	...
...	7.797	-28.049	0.70	51.6968	10.2	†	-0.040	+42.268	-5	...	...	...	8.774	+18.769	1.00	50.7090	9.6
...	7.650	-25.669	-4	...	...	...	+0.189	+38.112	-4	50.7077	10.3	*	8.797	+6.813	1.20	50.7091	8.8
†	-7.606	+45.320	-4	A	...	...	+0.253	+0.317	-5	Mm	...	...	+8.979	-23.007	-5	...	...
*	7.352	+12.490	1.10	50.7062	9.3	S *	0.473	-5.021	1.30	50.7078	8.8	N	9.037	-51.242	-4	51.7000	10.2
...	7.276	+25.668	0.70	50.7063	10.0	...	0.665	-38.098	-4	...	...	...	9.106	+37.957	-3	50.7092	10.2
...	7.067	+10.781	0.90	50.7064	9.8	...	0.932	-23.472	-4	...	...	...	9.136	+52.693	1.00	50.7093	10.0
*	6.984	-32.468	0.85	51.6969	10.0	...	1.090	-32.952	-5	...	...	*	9.232	-37.546	1.30	51.7001	8.7
37I	-6.605	+5.702	0.90	50.7065	9.8	43I	+1.156	+9.702	-5	Mm	...	49I	+9.320	-8.755	0.90	51.7002	9.9
...	6.430	-22.009	0.70	51.6970	10.2	...	1.209	-6.600	-5	...	...	...	9.493	+8.725	-4	b	...
...	6.311	+51.735	-5	M	...	...	1.490	-34.690	-3	51.6984	10.3	*	9.586	-41.061	1.20	51.7003	8.8
...	6.273	-25.307	-4	...	...	...	1.582	+43.849	0.90	50.7079	9.9	...	9.696	-25.996	-2	...	...
...	6.061	+8.990	0.80	50.7066	9.9	...	1.585	+42.431	-4	M	...	...	9.735	-30.294	0.80	51.7005	10.2
...	-5.674	+53.196	0.65	50.7068	10.2	...	+1.914	+33.330	-2	50.7080	10.3	...	+9.754	-35.692	0.95	51.7004	9.8
...	5.617	-42.625	-3	...	...	...	1.987	+47.706	-5	m	...	...	10.420	-49.580	-5	...	...
...	5.526	-16.120	-5	...	...	...	2.087	-31.940	-2	51.6985	10.3	...	10.497	-34.723	-5	...	...
...	5.454	+9.696	0.70	50.7067	10.0	...	2.087	-40.835	-5	...	...	...	10.647	-32.260	-3	51.7006	10.3
...	5.417	-10.738	-5	...	...	...	2.251	+6.519	-5	Mm	...	...	10.892	+44.242	-3	50.7094	10.3
38I	-5.404	+28.034	-4	...	...	44I	+2.280	-30.086	0.85	51.6986	9.9	50I	+10.927	+21.475	-5	m	...
...	5.380	-21.288	-4	...	...	...	2.480	-0.369	-2	50.7081	10.3	†	10.984	+55.290	-5	m	...
...	5.234	+53.799	-3	49.7132	10.3	...	2.497	-10.251	-5	...	...	...	11.076	-39.194	-4	...	...
...	5.162	+43.893	-5	...	...	...	2.595	+35.598	-4	50.7082	10.3	...	11.530	+19.956	-5	m	...
...	5.151	+58.948	-2	49.7133	10.2	...	2.736	+39.042	-5	m	...	...	11.637	+59.714	-3	49.7171	10.2
...	-5.148	+22.532	-4	50.7069	10.3	*	+3.029	-23.851	1.00	51.6987	9.8	...	+11.766	-39.735	-5	...	...
*	4.963	-29.168	1.50	51.6971	8.5	...	3.078	+38.271	-2	50.7083	10.2	...	11.804	-49.627	-5	...	...
...	4.766	+3.011	-5	M	...	...	3.095	+54.217	-5	m	...	...	11.918	+49.150	-5	...	...
...	4.711	-23.074	-5	...	...	...	3.113	-43.979	0.80	...	...	...	12.216	-49.858	-5	...	...
...	4.395	-8.225	-5	...	...	*	3.121	-43.914	1.00	51.6988	9.4	...	12.258	+11.786	-4	a	...
39I	-4.371	+33.352	-5	M	...	45I	+3.246	+31.760	-3	...	...	51I	+12.258	+46.645	-4	a	...
...	4.234	-37.107	-5	...	...	...	3.290	+4.465	-3	b	...	...	12.300	-44.217	-3	...	...
...	4.163	-11.075	-5	...	...	...	3.327	-26.796	1.00	51.6989	9.8	...	12.448	+12.751	-5	m	...
*	4.067	-26.218	1.30	51.6972	9.0	...	3.435	-3.107	-4	...	...	...	12.488	-42.666	-5	...	...
...	3.824	+23.872	-2	50.7070	10.3	...	3.496	-46.980	-5	...	...	...	12.543	+57.932	-5	m	...
...	-3.732	-25.346	0.90	51.6973	9.9	*	+3.508	-39.884	0.95	51.6990	9.8	...	+12.629	+11.486	-4	b	...
...	3.576	+54.144	-5	M	...	...	3.973	+18.911	0.90	50.7084	9.9	...	12.715	-26.445	-5	...	...
...	3.568	-8.516	-5	...	...	...	3.978	+54.164	-5	m	...	...	12.729	-51.744	-4	...	...
...	3.306	-16.628	-3	51.6974	10.3	...	4.036	+29.815	-5	m	...	...	12.772	+45.439	-2	50.7095	10.2
...	3.226	-35.293	-3	51.6975	10.2	...	4.159	+49.612	-5	m	...	...	12.814	-32.017	-3	51.7007	10.2
40I	-3.189	-56.792	-5	...	...	46I	+4.447	-49.020	-5	...	...	52I	+12.830	-56.835	0.95	51.7008	9.6
...	2.975	-32.195	-4	...	...	...	4.458	-45.619	0.80	51.6991	10.2	...	13.099	+23.915	-5	m	...
S *	2.861	-36.901	1.40	51.6977	8.6	...	4.498	-49.262	-5	...	...	*	13.118	-28.326	1.00	51.7009	9.3
...	2.749	-25.025	-5	...	...	...	4.665	-38.052	-5	...	...	...	13.293	-4.816	0.65	50.7096	10.2
*	2.576	-41.288	0.95	51.6978	9.8	...	4.821	+36.116	0.85	50.7085	9.9	...	13.582	-35.184	-5	p	...
...	-2.277	-31.239	-4	...	...	...	+5.822	+20.927	-5	...	...	...	+13.665	+43.314	-4	...	...
N *	2.270	+1.416	1.20	50.7071	9.2	...	5.955	+5.884	-2	50.7086	10.3	...	13.703	+26.473	-5	m	...
...	2.172	-34.118	-2	51.6979	10.3	...	6.056	-14.934	-5	...	...	*	13.914	-3.398	1.00	50.7097	9.6
...	2.084	+28.415	-3	50.7072	10.3	...	6.076	-52.732	-5	...	...	...	14.028	+59.963	-1	49.7176	10.2
†	2.013	-19.486	1.00	51.6980	9.4	...	6.307	+26.735	0.75	50.7087	10.2	*	14.094	-16.560	1.15	51.7010	9.3
41I	-1.965	+41.657	0.95	50.7073	9.8	47I	+6.308	-35.049	1.15	51.6995	9.3	53I	+14.228	+36.469	1.15	50.7098	9.3
...	1.920	-30.896	1.00	51.6981	9.8	*	6.354	-9.923	1.30	51.6994	9.0	...	14.243	+55.614	0.90	49.7177	10.0
*	1.694	-44.889	1.00	51.6982	9.6	...	6.359	-56.228	1.00	51.6996	9.8	...	14.323	-15.314	0.70	51.7011	10.2
...	1.448	+30.232	-5	Mm	...	...	6.593	-56.869	-5	...	...	...	14.354	+42.339	-5	m	...
...	1.423	+16.156	0.85	50.7074	9.9	...	6.867	+41.154	-3	a	...	...	14.402	+29.759	-5	m	...
...	-1.383	-20.616	-5	...	...	...	+6.977	-27.440	-5	...	...	...	+14.423	-10.007	-5	...	...
...	1.318	-28.546	-4	...	...	...	7.678	+51.649	-2	50.7088	10.2	...	14.531	+12.269	-4	a	...
...	1.292	+24.438	-5	Mm	...	...	7.755	-38.672	0.90	51.6997	9.8	...	14.553	-34.198	-4	...	...
...	0.816	+20.723	0.80	50.7075	10.0	...	7.761	-0.591	-4	...	...	...	14.664	-20.420	0.90	51.7012	10.0
...	0.751	-43.752	0.85	51.6983	10.0	...	8.134	-43.443	1.00	51.6998	9.5	...	14.689	-49.680	-1	51.7013	10.3

407. Var. L=10.3-11.1.

487. Brighter of double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
541-600						601-660						661-720					
54I	+15.198	+51.174	-5	m	...	60I	+23.373	+54.938	-5	m	...	66I	+30.438	+31.107	-5	m	...
...	15.300	-15.336	-5	...	...	...	23.412	-45.670	-5	...	...	...	30.518	-56.332	0.90	51.7038	9.8
...	15.495	+55.413	-3	49.7183	10.2	...	23.645	-42.208	-5	...	...	...	30.691	-7.114	-5	...	...
...	15.595	-25.675	-5	...	...	...	23.703	-17.125	-5	...	...	...	30.703	+20.765	-5	m	...
...	15.733	-25.377	-5	...	...	...	23.717	+30.713	0.75	50.7118	10.2	...	31.029	-38.039	-5	...	...
*	+15.822	-5.792	1.20	50.7099	9.2	...	+23.768	+38.402	-2	50.7119	10.3	...	+31.064	-21.736	-5	...	...
*	15.930	+8.604	1.20	50.7100	9.2	...	23.835	+19.139	-5	m	...	...	31.089	-28.598	-5	...	...
*	15.944	-20.484	1.50	51.7015	8.8	...	23.974	-56.361	-1	51.7020	10.0	...	31.105	-29.214	0.70	51.7039	10.3
...	15.949	+26.679	-5	m	...	...	24.314	-20.298	-5	...	...	...	31.108	+11.263	-5	...	...
...	15.952	+46.887	-5	m	...	...	24.330	-6.581	0.80	51.7021	10.0	...	31.226	-4.481	-5	...	...
55I	+16.035	-43.317	-4	...	...	61I	+24.675	+32.847	-3	50.7121	10.3	67I	+31.311	-48.601	-5	...	...
...	16.078	-5.382	-2	50.7102	10.3	*	24.716	+43.773	1.00	50.7120	9.6	...	31.476	+27.264	0.70	50.7134	10.2
...	16.143	+26.257	-5	m	...	S *	24.979	+16.379	1.85	50.7122	8.7	...	31.607	-16.614	0.85	51.7040	10.0
*	16.175	+14.482	1.00	50.7101	9.8	...	25.017	-12.442	0.95	51.7022	9.8	...	31.728	+45.944	-5	...	...
...	16.435	+6.924	-4	a	...	...	25.249	-14.815	-5	...	...	...	31.758	-32.203	-4	...	...
...	+16.814	-4.611	-4	...	...	...	+25.587	-7.705	0.85	51.7023	10.0	†	+31.876	+0.423	-5	m	...
...	16.887	+36.046	0.85	50.7103	10.2	*	25.780	-3.705	1.00	50.7123	9.8	...	32.006	+30.634	0.65	50.7135	10.2
...	17.071	-48.548	-5	...	...	...	25.914	-44.299	0.90	51.7024	10.3	...	32.041	+16.779	-5	m	...
...	17.250	-50.006	-5	...	...	...	25.956	+39.029	-5	m	...	...	32.134	+55.538	-5	m	...
*	17.545	-48.035	0.90	...	...	...	26.092	+37.106	-3	50.7124	10.2	...	32.207	-53.985	-4	...	...
56I	+17.547	+40.523	0.95	50.7104	9.6	62I	+26.149	-21.983	0.85	51.7025	10.0	68I	+32.239	+52.189	0.85	50.7136	10.2
...	17.566	-23.385	-4	...	...	...	26.487	-29.283	-5	...	...	...	32.270	+14.472	0.80	50.7137	10.2
...	17.570	+20.184	-2	...	...	...	26.517	-9.225	-5	...	...	...	32.301	+47.988	-4	...	...
...	17.661	-48.980	-5	...	...	...	26.770	-36.062	-5	...	...	...	32.389	+4.255	-5	m	...
...	17.759	+11.667	-4	50.7105	10.2	...	26.800	+19.817	-5	m	...	*	32.544	-41.863	1.10	51.7041	9.2
*	+17.765	-12.316	1.00	51.7017	9.3	...	+26.901	-31.451	-3	...	...	...	+32.740	+59.641	-3	49.7215	10.2
*	18.010	-29.110	1.30	51.7018	9.0	...	27.060	+26.374	-5	m	...	...	33.081	-53.133	0.95	51.7042	10.0
...	18.036	+28.784	0.90	50.7106	9.8	*	27.353	-58.338	1.10	51.7029	9.3	...	33.272	-50.273	-4	...	...
...	18.130	+16.849	-5	m	...	...	27.356	+24.732	0.70	50.7125	10.2	...	33.334	-44.722	0.65	51.7043	10.2
...	18.250	+53.020	0.65	50.7107	10.0	...	27.441	-7.931	-5	...	...	...	33.423	-31.783	0.80	51.7044	10.2
57I	+18.515	+24.440	-3	50.7108	10.2	63I	+27.481	+24.867	-5	m	...	69I	+33.524	-37.721	1.00	51.7045	9.8
...	18.802	+51.168	-5	...	...	...	27.778	-6.518	-5	...	...	*	33.667	+11.143	1.20	50.7139	9.2
...	19.108	-49.275	-5	...	...	...	27.806	-42.479	-2	51.7030	10.3	...	33.720	+35.465	-3	50.7138	10.3
...	19.130	-29.257	-4	...	...	...	27.915	-28.891	-5	...	...	...	33.737	+18.200	-3	...	...
...	19.259	+14.107	-3	50.7109	10.3	...	28.023	-1.027	-5	50.7126	10.3	...	33.791	-18.593	-5	...	...
...	+19.472	+34.306	-4	...	...	...	+28.416	-3.347	0.95	50.7128	9.9	...	+33.959	-2.362	-4	...	...
...	19.663	+32.795	0.90	50.7110	9.9	†	28.625	+25.388	0.65	50.7127	10.2	...	34.018	-9.401	0.70	51.7047	10.2
...	19.996	+15.748	-5	m	...	...	28.681	-31.175	-5	...	...	...	34.125	+36.855	-4	...	...
...	20.446	+40.449	-5	...	...	...	28.745	-23.867	-5	...	...	...	34.302	+16.051	-5	m	...
...	20.894	-15.978	-5	...	...	...	28.928	+58.714	-5	m	...	*	34.329	+43.475	1.00	50.7140	9.6
58I	+21.005	+28.710	0.90	50.7111	9.8	64I	+29.062	-32.517	-5	...	...	70I	+34.464	-52.180	-5	...	...
...	21.070	-32.050	-5	...	...	S *	29.100	-38.153	2.00	51.7032	8.3	...	34.931	-15.444	-4	51.7048	10.2
...	21.161	+17.539	-3	...	...	...	29.101	-15.499	0.80	51.7031	10.0	*	35.018	+43.384	1.00	50.7141	9.8
...	21.276	+14.754	-5	m	...	...	29.158	+29.092	-5	...	...	...	35.025	-32.667	-5	...	...
*	21.412	+21.026	1.00	50.7112	9.8	...	29.288	+51.486	-1	50.7129	10.2	*	35.121	+40.885	1.40	50.7142	8.8
...	+21.524	-45.485	-3	...	...	*	+29.308	-12.834	1.20	51.7033	9.1	...	+35.415	+33.169	-5	m	...
...	21.567	-21.606	-5	...	...	*	29.509	+22.385	1.00	50.7130	9.8	...	35.546	+37.085	-4	a	...
...	21.596	-0.547	-5	...	...	...	29.516	-47.428	-5	...	...	...	35.599	+9.297	0.85	50.7143	10.0
...	21.677	+50.850	-3	50.7113	10.2	...	29.623	-49.708	1.00	51.7034	10.0	...	35.633	-29.742	-2	51.7049	10.3
*	21.706	-5.429	1.00	50.7116	9.6	†	29.799	+32.939	-5	m	...	...	35.679	-5.531	-2	...	...
59I	+21.836	+51.359	-3	50.7114	10.3	65I	+29.885	-26.119	1.00	51.7035	9.6	71I	+35.893	-31.188	-4	...	...
...	21.926	+32.654	0.85	50.7115	10.0	†	29.890	-17.098	-5	...	...	...	36.298	+34.195	-4	...	...
...	22.225	-19.193	-5	...	...	...	29.924	+7.621	-5	m	...	...	36.314	+59.275	-1	49.7224	10.0
...	22.287	+12.282	-5	...	...	...	29.943	+17.838	-4	...	...	...	36.937	+33.720	-3	...	...
...	22.704	-8.285	-2	...	...	...	30.032	+12.385	0.75	50.7132	10.2	...	36.958	-44.993	-5	...	...
...	+22.759	+29.940	-5	...	...	S *	+30.071	+46.769	1.30	50.7131	8.8	...	+37.058	-27.915	0.65	51.7050	10.0
*	22.783	+8.169	1.05	50.7117	9.3	...	30.193	-54.285	-2	51.7036	10.3	...	37.126	+11.458	-5	m	...
...	22.909	+18.461	-3	...	...	...	30.278	+9.703	-5	m	...	...	37.556	+19.534	-5	m	...
...	23.116	+59.824	-3	49.720	10.2	...	30.364	-26.764	0.90	51.7037	9.8	*	37.573	-26.845	1.30	51.7051	9.2
...	23.207	-23.811	0.80	51.701	10.0	...	30.421	+0.869	-4	50.7133	10.3	...	37.696	+1.870	-2	50.7144	10.2

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
721-780						781-840						841-879					
72I	+38.087	+11.084	-5	m	...	78I	+45.164	-15.783	-3	...	...	84I	+53.249	+56.380	0.95	49.7273	9.8
...	38.162	+43.146	-5	m	...	...	45.187	-20.469	-5	...	...	...	53.544	-20.989	-4	e	...
...	38.298	+10.091	-5	m	...	...	45.466	-26.740	-3	51.7065	10.3	*	53.772	+25.061	1.30	50.7160	9.1
...	38.315	+16.830	-4	a	...	*	45.542	-37.654	1.00	51.7066	9.6	*	54.207	+15.697	1.00	50.7161	9.5
...	38.348	+19.567	-5	m	...	...	45.632	-39.171	-5	...	...	†	54.395	-29.456	-5	e	...
...	+38.427	+30.144	0.90	50.7145	10.0	...	+45.896	+4.333	-4	b	...	...	+54.601	-22.342	-5	e	...
...	38.522	+27.419	-5	m	...	...	45.978	+4.937	-5	m	...	†	54.734	+21.524	-5	...	...
...	38.554	-36.426	-5	...	...	*	46.010	-11.086	1.00	51.7067	9.8	†	54.761	-44.787	-5	e	...
...	38.686	-0.118	0.65	50.7146	10.0	...	46.231	-0.743	0.65	50.7152	10.3	...	55.160	-8.671	-3	e	...
...	38.802	+22.710	-5	m	...	...	46.365	-22.706	-5	...	...	...	55.167	+17.008	0.75	50.7163	10.2
73I	+38.835	+57.215	0.95	49.7234	9.8	79I	+46.453	+58.020	-5	...	...	85I	+55.172	+20.518	-5	...	...
*	38.986	-7.989	1.10	51.7052	9.3	...	46.792	-2.860	-5	...	...	...	55.384	-54.219	-5	e	...
...	39.136	+58.533	-5	m	...	...	46.832	+8.173	-5	50.7153	10.3	†	55.471	+15.310	-5	...	...
...	39.257	+21.885	-4	...	...	...	46.928	-30.655	-4	...	...	...	55.472	+44.098	0.65	50.7162	10.2
...	39.390	-8.005	-2	...	...	...	47.155	-38.072	-5	...	...	e	55.474	-14.280	-3	51.7078	10.3
...	+39.419	+12.998	-4	b	...	...	+47.277	+19.582	-3	...	...	...	+55.702	+55.854	0.80	49.7279	9.9
...	39.564	+49.929	-5	m	...	†	47.309	+15.452	-5	...	...	...	55.739	+21.901	-5	...	...
...	39.609	+31.012	-5	m	...	...	47.380	+34.422	-5	m	...	...	55.775	-23.972	-5	e	...
...	39.973	-34.610	-3	...	...	...	47.418	+10.785	-2	50.7155	10.3	e	55.789	-11.354	0.70	51.7079	10.2
...	40.319	+3.707	0.85	50.7147	10.0	...	47.731	+37.418	-3	50.7154	10.2	...	56.178	-56.840	-5	e	...
74I	+40.576	-25.005	-5	...	...	80I	+47.760	-19.241	0.80	51.7068	10.2	86I	+56.251	+27.085	0.65	50.7165	10.2
...	40.716	+13.325	-5	...	...	...	47.822	+19.110	-4	...	...	...	56.427	+34.084	-3	50.7164	10.3
...	40.842	-44.352	-2	...	...	...	47.872	-12.172	-5	...	...	e	56.574	-5.904	0.90	50.7166	9.8
...	40.903	-14.086	0.75	51.7054	10.0	...	47.910	-3.739	-5	...	...	...	56.635	+5.661	-5	e	...
*	40.960	-11.483	1.05	51.7055	9.2	...	48.011	-42.332	-5	...	...	e	57.379	-53.820	1.10	51.7081	9.6
...	+40.961	-28.854	-5	...	...	...	+48.190	+48.662	-5	...	...	e	+57.670	-10.196	0.75	51.7080	10.0
...	40.992	-11.682	-5	...	...	...	48.267	+32.597	-5	m	...	e	57.800	-48.822	-3	51.7083	10.2
...	41.354	-34.287	-3	...	...	*	48.360	-44.113	1.20	51.7069	9.5	...	58.116	-8.018	-5	e	...
...	41.385	+30.785	-4	...	...	...	48.398	-23.235	-5	...	...	...	58.150	-5.015	-5	...	...
...	41.541	+5.564	-5	m	...	...	48.514	+24.156	-3	...	...	...	58.352	+36.053	-5	e	...
75I	+41.586	-32.017	1.00	51.7056	9.6	81I	+48.821	+4.230	-5	m	...	87I	+58.377	+42.903	-5	e	...
*	41.720	+55.069	-4	49.7241	10.3	...	48.834	-0.348	0.85	50.7156	10.0	...	58.425	+23.193	1.00	50.7167	9.6
...	41.969	-10.542	0.80	51.7058	10.2	...	49.171	+15.036	-4	...	...	e	58.427	-12.143	0.85	51.7082	10.0
...	41.973	-5.792	0.80	50.7149	10.0	...	49.423	-9.974	-5	...	...	e*	58.572	-45.155	1.20	51.7084	9.5
...	42.023	-7.716	0.95	51.7057	9.8	*	49.432	+21.577	1.00	50.7157	9.6	...	58.822	+24.954	-1	50.7168	9.9
...	+42.079	+48.118	-3	50.7148	10.3	S*	+49.495	-15.208	1.90	51.7070	8.6	e	+59.178	-52.845	-5	51.7085	10.2
...	42.079	+18.041	-3	...	...	...	49.512	-8.687	-5	...	...	e	59.305	-59.233	-4	51.7086	10.2
...	42.205	-20.139	0.75	51.7059	10.2	...	49.625	+12.108	-5	...	...	...	59.315	+26.271	-4	...	...
*	42.402	-46.875	2.00	51.7061	8.8	*	49.635	-28.460	1.00	51.7071	9.6	S*	59.618	+4.587	1.10	50.7169	9.1
...	42.498	+31.567	0.95	50.7150	10.2	...	50.014	+11.979	-5	m	...	...	...	...	...	...	...
76I	+42.569	+46.965	-5	m	...	82I	+50.135	-30.720	-5	...	...	...	...	...	...	...	...
...	42.579	+28.323	-5	...	...	...	50.231	-45.624	0.75	51.7072	10.2	...	...	...	...	...	...
...	42.881	-21.555	-5	...	...	...	50.255	-37.741	-3	...	...	...	...	...	...	...	...
*	42.960	-27.099	1.00	51.7062	9.6	...	50.406	+13.307	-4	...	...	...	...	...	...	...	...
...	42.975	+31.827	-3	...	...	...	50.519	-13.968	-3	...	...	...	...	...	...	...	...
...	+43.004	-17.980	-2	...	...	...	+51.019	-32.030	0.90	51.7073	10.0	...	...	...	...	...	...
...	43.168	+20.149	-3	...	...	...	51.202	-16.348	-4	...	...	...	...	...	...	...	...
...	43.336	-20.566	-5	...	...	...	51.205	+52.659	-5	50.7158	10.3	...	...	...	...	...	...
...	43.589	+49.783	-4	...	...	*	51.233	-34.026	1.00	51.7074	9.8	...	...	...	...	...	...
...	43.795	+21.929	-5	...	...	...	51.306	-13.632	-5	...	...	...	...	...	...	...	...
77I	+43.898	+26.169	-5	m	...	83I	+51.765	+53.298	-5	49.7270	10.3	...	...	...	...	...	...
...	43.907	-3.937	-4	...	...	...	51.946	-9.209	-2	51.7075	10.3	...	...	...	...	...	...
†	43.989	-34.546	0.85	51.7063	10.0	...	51.965	+32.069	-5	m	...	...	...	...	...	...	...
+	44.273	+26.472	-3	...	...	...	52.149	-30.389	-4	e	...	...	...	...	...	...	...
+	44.344	+40.364	1.00	50.7151	9.8	...	52.506	+39.402	-3	50.7159	10.2	...	...	...	...	...	...
...	+44.500	+59.979	-5	49.7250	10.3	...	+52.682	-5.093	-3	...	...	...	...	...	...	...	...
...	44.523	-27.331	-5	...	...	e	52.960	-13.048	0.70	51.7077	9.9	...	...	...	...	...	...
†	44.539	-29.480	0.70	51.7064	10.0	...	53.040	-38.669	-4	e	...	...	...	...	...	...	...
...	44.575	+32.518	-3	...	...	...	53.224	-38.937	-3	e	...	...	...	...	...	...	...
...	45.008	-20.735	-5	...	...	...	53.248	+5.514	-5	m	...	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-59°910	+50°621	-5	...	...	6I	-52°647	+0°310	-4	M	...	12I	-46°458	+52°338	-3	...	...
...	59°909	-30°551	-4	E	...	...	52°437	-7°199	-3	...	...	...	46°407	+16°363	-5	M	...
†	59°868	+55°770	0°90	49.7279	9.9	...	52°404	-23°971	-5	...	...	...	46°345	-2°831	-3	...	...
E	59°817	-13°185	0°90	51.7077	9.9	...	52°320	+37°568	-1	50.7177	10.2	...	46°127	+47°180	-5	M	...
*	59°727	+15°581	1°00	50.7161	9.5	...	52°287	-6°006	-5	...	...	...	46°104	-50°522	0°95	51.7099	9.9
...	-59°619	+44°014	-2	50.7162	10.2	*	-52°263	-23°594	1°00	51.7087	9.9	...	-45°870	+38°381	0°70	50.7193	10.2
...	59°454	+21°428	-3	...	...	...	52°117	-37°698	-5	...	...	...	45°835	-39°614	-5	...	...
...	59°027	-6°032	-5	p	...	...	52°095	+37°094	-5	M	...	...	45°687	-18°362	-4	...	...
†	58°961	+20°441	-2	...	...	*	52°088	-8°359	1°80	51.7088	8.5	...	45°608	-30°167	-2	...	...
...	58°909	-21°099	-5	E	...	...	52°025	+7°276	-2	A	...	*	45°435	-2°045	1°00	50.7192	9.6
II	-58°830	+16°924	0°80	50.7163	10.2	7I	-51°983	-52°694	-4	51.7085	10.2	13I	-45°420	-24°961	-3	...	...
...	58°702	-38°777	-4	E	...	E	51°936	-6°906	-3	...	...	...	45°417	-28°522	-5	p	...
...	58°487	-39°049	-4	E	...	...	51°606	-59°076	-5	51.7086	10.2	...	44°908	-13°340	-5	...	...
...	58°467	+21°839	-4	...	...	...	51°537	-9°667	-5	...	...	...	44°767	+15°487	0°65	50.7194	10.2
...	58°467	+15°254	-4	...	...	...	51°372	+26°501	-3	...	...	*	44°659	-31°091	1°80	51.7101	8.7
†	-58°328	-4°616	-3	...	...	...	-51°330	+1°841	-5	M	...	*	-44°637	-34°393	1°20	51.7102	9.0
...	58°253	+34°037	-2	50.7164	10.3	...	51°290	+14°244	0°70	...	...	...	44°375	+38°098	-5	M	...
...	58°154	+27°042	0°90	50.7165	10.2	...	51°287	+53°461	-3	49.7300	10.2	...	44°257	+29°265	-2	50.7195	10.3
...	57°791	-8°720	-2	E	...	†	51°167	+25°422	0°75	50.7179	10.0	...	44°209	-19°765	0°80	51.7105	9.9
...	57°788	-22°406	-5	E	...	...	51°008	+23°626	-5	M	...	...	44°122	-17°977	0°75	51.7106	10.3
2I	-57°705	-29°518	-5	E	...	8I	-50°957	+9°871	0°80	50.7178	10.0	14I	-44°085	+16°919	-2	...	...
†	57°238	-14°311	-2	51.7078	10.3	...	50°926	+26°066	-5	M	...	...	44°043	-35°614	-5	...	...
E	57°063	-11°378	0°85	51.7079	10.2	*	50°918	+50°424	1°80	50.7180	8.8	...	43°961	+36°944	-1	...	...
...	57°036	-36°492	-5	...	...	...	50°445	-31°659	-5	...	...	...	43°847	-7°971	-4	...	...
...	56°988	+36°169	-5	...	...	...	50°242	+38°917	-5	M	...	...	43°787	-7°990	-5	...	...
...	-56°940	+2°838	-5	M	...	...	-50°094	+26°689	-3	...	...	...	-43°738	-41°456	-5	...	...
...	56°905	+5°659	-5	E	...	†	50°047	-44°566	0°95	51.7090	9.5	*	43°731	-43°799	1°10	51.7104	9.3
...	56°728	-44°823	-4	E	...	†	50°000	+29°536	-3	50.7181	10.3	...	43°705	+27°224	-3	...	...
...	56°684	+42°929	-5	E	...	†	49°949	-0°971	-5	...	...	*	43°700	+14°769	1°20	50.7196	9.0
...	56°564	-23°994	-5	E	...	...	49°898	-30°363	0°90	51.7091	9.9	...	43°659	-26°027	-3	...	...
3I	-56°483	-5°901	1°00	50.7166	9.8	9I	-49°818	+31°209	0°90	50.7183	9.9	15I	-43°640	-49°222	-1	51.7103	10.2
E*	56°412	+36°092	-5	E	...	*	49°800	+56°001	1°60	49.7303	8.8	...	43°369	+37°346	-4	B	...
...	55°811	+23°243	1°00	50.7167	9.6	...	49°737	+27°529	-5	M	...	...	43°265	-12°954	-5	...	...
...	55°726	+35°403	-5	M	...	...	49°447	+38°706	0°85	50.7184	10.0	...	43°207	+36°126	-4	...	...
...	55°720	-51°228	5	E	...	...	49°366	0°679	2	50.7182	10.2	...	43°047	+36°246	0°70	50.7199	10.0
...	-55°564	+45°129	-5	M	...	...	-49°337	-6°667	-5	...	...	...	-42°966	-51°802	0°70	51.7108	10.0
...	55°504	+25°011	0°90	50.7168	9.9	...	48°974	-10°628	-5	p	...	*	42°942	+19°621	1°00	50.7198	9.6
...	55°399	+40°592	-5	M	...	...	48°792	+26°565	-2	...	...	...	42°854	+11°066	0°75	50.7197	10.0
E	55°222	-10°142	1°00	51.7080	10.0	...	48°666	-3°149	-3	...	...	...	42°760	+1°983	-4	...	...
...	55°172	+53°614	1°00	49.7291	9.6	...	48°474	-36°811	-3	51.7092	10.3	...	42°487	-49°062	-5	...	...
4I	-55°071	+26°359	-4	...	...	10I	-48°431	+44°370	-4	A	...	16I	-42°476	+23°865	-2	...	...
...	54°874	-7°956	-4	E	...	†	48°400	+0°488	1°10	50.7185	8.8	...	42°462	-39°281	0°90	51.7110	9.8
...	54°814	-56°803	-5	E	...	†	48°315	+0°460	0°70	...	...	...	42°443	-6°724	5	...	...
...	54°630	+47°593	-1	50.7171	9.9	...	48°221	-22°603	-1	...	...	...	42°364	-0°998	-2	...	...
E	54°382	-12°060	0°90	51.7082	10.0	...	48°078	-40°593	-2	...	...	...	42°264	+3°558	0°70	50.7200	10.3
...	-54°347	+29°210	-5	M	...	...	-48°033	+33°639	0°90	50.7187	9.8	...	-42°160	+38°192	0°70	50.7202	10.2
*	54°296	+24°699	1°00	50.7170	9.8	...	48°002	+23°712	-1	50.7186	10.3	*	41°884	+15°885	1°00	50.7201	9.6
...	54°193	-33°714	5	...	...	...	47°966	-8°266	-1	51.7096	10.3	...	41°880	-48°515	0°70	51.7111	10.0
...	54°044	+28°028	-3	50.7172	10.3	...	47°912	-37°988	0°80	51.7093	10.2	...	41°799	+36°223	-5	M	...
S*	53°875	+4°703	1°05	50.7169	9.1	...	47°877	-7°565	0°65	51.7097	10.3	...	41°678	-23°803	-5	...	...
5I	-53°751	+42°877	-3	50.7175	10.3	III	-47°593	+35°123	-2	50.7188	10.3	17I	-41°529	+53°624	-5	M	...
...	53°744	+15°918	0°80	50.7173	10.0	...	47°519	+11°979	-4	...	...	*	41°524	+13°748	2°50	50.7203	7.9
E*	53°743	-53°748	1°10	51.7081	9.6	...	47°446	-12°198	-5	...	...	...	41°371	-45°113	-5	...	...
E	53°533	-48°732	-3	51.7083	10.2	...	47°439	-33°916	0°80	51.7095	10.2	...	41°225	-47°094	-3	51.7112	10.3
*	53°443	+57°503	1°40	49.7295	9.1	S*	47°219	-29°722	1°25	51.7098	9.0	...	41°181	-0°731	-5	...	...
...	53°387	+12°520	0°70	50.7174	10.3	*	-47°077	+16°492	1°60	50.7189	8.5	...	-40°773	-37°985	-5	p	...
...	53°327	+21°020	-2	...	...	...	46°988	-32°696	-5	p	...	...	40°631	+42°811	-5	M	...
...	53°220	-32°737	-5	...	...	S*	46°888	+44°930	1°90	50.7191	8.5	*	40°523	+23°334	1°00	50.7204	9.6
*	52°019	-12°398	0°95	50.7176	10.2	...	46°879	+28°270	0°75	50.7190	10.2	...	40°420	+25°760	-2	...	...
E*	52°883	-45°034	1°00	51.7084	9.5	...	46°483	+43°766	-5	M	...	*	40°318	-42°410	1°00	51.7113	9.8

L measured from 1, 181, 321, 472, 624, 772.

C " " 89, 245, 394, 539, 691, 842.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
181	-39.764	-20.060	-4	51.7114	10.3	241	-30.901	-28.181	1.00	51.7130	9.6	301	-22.207	+40.142	1.00	50.7224	9.6
...	39.680	+33.409	0.95	50.7205	9.8	...	30.480	+36.779	-5	M	...	...	22.119	-10.102	-4	...	...
*	39.631	+55.974	1.45	49.7328	9.1	*	30.357	+1.480	1.00	50.7215	9.2	...	21.953	+35.999	0.95	50.7227	9.9
...	39.399	+20.659	-3	...	...	...	30.205	-3.805	-3	50.7216	10.3	...	21.828	-47.280	-3	...	...
...	39.228	+15.672	-2	...	...	...	30.013	+23.654	-3	...	...	...	21.757	+7.742	1.00	50.7226	9.8
...	-38.921	+14.957	0.80	50.7206	10.0	...	-29.764	-24.088	0.70	51.7131	10.0	...	-21.624	-17.518	-2	51.7141	10.3
*	38.769	17.828	1.00	51.7116	9.9	...	29.732	+19.259	4	M	...	*	21.452	-55.646	1.15	49.7354	9.3
...	38.723	-57.323	-5	51.7115	10.3	...	29.709	-33.370	-4	...	...	...	21.259	+50.039	-5	M	...
...	38.667	-6.063	-4	...	...	...	29.417	+12.553	-5	M	...	*	21.229	-49.820	1.05	51.7140	9.6
*	38.634	+46.925	1.20	50.7207	9.3	...	29.286	-54.409	-5	...	...	...	21.116	-13.512	-5	...	...
191	-38.029	-18.157	0.80	51.7117	10.0	251	-29.061	-58.390	1.00	51.7132	9.9	311	-21.087	+29.976	-5	M	...
...	38.023	-12.904	-4	...	...	...	28.990	+49.436	1.00	50.7217	9.6	...	20.966	+24.217	-3	...	...
...	37.935	-46.450	-5	...	...	...	28.919	+32.524	-4	...	...	...	20.964	-28.461	-3	51.7142	10.3
...	37.860	-12.254	-4	...	...	...	28.862	-46.304	-4	...	...	...	20.801	+9.190	0.70	50.7228	10.2
*	37.626	+53.409	2.00	49.7332	8.3	...	28.842	-30.854	-4	...	...	...	20.746	+37.994	-4	B	...
*	-37.522	-9.168	1.00	51.7118	9.4	...	-28.153	-37.570	-4	...	...	...	-20.637	-32.692	-4	...	...
...	37.208	+50.954	1.00	50.7210	9.8	...	27.514	-14.387	-1	51.7133	10.2	...	20.602	-0.742	-5	...	...
*	37.194	+15.634	1.20	50.7208	9.0	*	27.512	+25.005	-1	50.7218	10.2	*	20.592	-48.144	1.10	51.7143	9.3
...	37.123	-28.105	-2	...	...	...	27.309	-58.517	-5	p	...	...	20.574	+16.119	-5	M	...
...	36.962	+42.347	1.00	50.7211	10.2	...	27.305	-9.931	-4	...	...	...	20.507	-30.560	0.80	51.7144	10.2
201	-36.728	+17.410	1.05	50.7209	9.3	261	-27.299	+11.689	-1	50.7219	10.3	321	-19.629	-37.892	0.90	51.7145	10.0
*	36.721	+5.620	-2	B	...	...	27.286	-17.346	-4	...	...	...	19.573	+33.617	0.85	50.7229	10.2
...	36.708	-20.825	-3	51.7119	10.3	...	27.169	-35.721	-5	...	...	...	19.456	+14.902	-5	M	...
...	36.606	-10.814	0.70	51.7120	10.3	...	27.092	-19.507	-5	...	...	*	19.425	-46.794	1.00	51.7146	9.6
...	36.387	+38.813	-5	M	...	...	26.799	-56.279	-5	...	...	...	19.346	+38.628	0.90	50.7231	10.2
...	-36.320	+59.240	1.00	49.7333	9.8	...	-26.763	+8.473	-5	M	...	...	-19.208	+47.550	-2	50.7232	10.3
...	36.221	+48.639	-5	M	...	...	26.739	-58.320	0.85	51.7134	10.0	...	19.062	-3.185	-2	50.7230	10.2
...	36.146	+45.548	-5	M	...	...	26.447	+23.176	-5	M	...	...	18.892	+41.484	-3	...	...
...	35.815	-13.081	-4	...	...	...	26.399	+53.074	-5	M	...	...	18.810	-12.020	-2	51.7147	10.3
...	35.765	-44.453	-5	...	...	...	26.374	+30.788	-5	M	...	...	18.756	-9.482	-2	51.7149	10.2
211	-35.708	+52.185	-5	M	...	271	-26.347	-8.172	-5	...	...	331	-18.681	-37.142	-5	...	...
...	35.696	+41.679	-5	M	...	...	26.298	-54.172	-4	...	...	...	18.473	-15.519	-2	51.7150	10.3
*	35.638	-12.425	1.00	51.7121	9.6	...	25.879	-13.462	-1	51.7136	10.3	...	18.379	-46.528	-3	...	...
...	35.623	+21.423	-5	M	...	...	25.874	-51.795	1.00	51.7135	9.8	...	18.362	-6.036	-5	...	...
...	35.561	-6.642	-5	...	...	...	25.422	+1.529	-3	A	...	...	18.357	-30.433	-5	...	...
*	-35.448	+1.799	1.00	50.7212	9.6	...	-25.404	-4.761	-4	...	...	*	-18.277	-57.659	4.00	51.7148	7.2
...	35.256	+28.925	-4	M	...	...	25.298	+13.974	-5	M	...	...	18.186	+6.789	-3	B	...
...	34.682	+7.548	-4	M	...	...	25.189	+3.735	-3	...	...	...	18.113	+3.437	-5	M	...
...	34.292	+26.800	-5	M	...	...	25.033	-53.557	-5	...	...	*	18.108	+49.672	1.00	50.7233	9.8
...	34.283	+52.051	-3	...	...	...	24.685	+14.096	-2	50.7220	10.3	...	17.831	-29.255	0.70	51.7151	10.3
221	-34.182	+24.113	-5	M	...	281	-24.603	+44.786	-4	...	...	341	-17.800	-10.415	-2	51.7152	10.3
S *	34.037	+6.344	3.00	50.7213	8.2	...	24.407	-54.828	0.80	51.7137	9.9	...	17.649	-2.931	-5	...	...
...	34.016	+3.035	-5	M	...	...	24.388	+29.549	-4	...	...	...	17.355	-18.223	-2	...	...
...	33.974	+57.073	-5	M	...	*	24.377	+58.704	1.90	49.7350	8.7	...	17.129	-46.890	-2	...	...
...	33.602	-29.564	-3	...	...	...	24.077	+36.442	-5	M	...	*	16.859	-56.375	1.20	51.7153	9.3
...	-33.486	+1.981	0.85	50.7214	10.0	...	-24.045	+9.549	-4	...	...	...	-16.817	-34.674	-5	...	...
*	33.385	-37.476	1.00	51.7123	9.8	...	24.040	-32.320	-5	...	...	*	16.730	+50.007	1.30	50.7234	8.9
...	33.280	+42.080	-4	A	...	...	23.826	-49.918	-5	p	...	...	16.544	-25.231	-3	...	...
...	33.251	-34.394	1.40	51.7124	8.6	...	23.615	-12.891	-5	...	...	S *	16.522	-47.095	3.85	51.7154	6.8
...	33.210	-17.719	-3	...	...	*	23.578	-26.805	0.95	51.7138	9.8	...	16.226	+51.950	-5	M	...
231	-33.187	-58.373	1.10	51.7122	9.6	291	-23.485	-8.007	-4	...	...	351	-16.225	+23.340	1.20	50.7235	9.2
...	32.907	-13.844	0.85	51.7126	10.2	...	23.359	+9.670	-5	M	...	...	16.149	-12.706	-2	...	...
*	32.726	-57.573	1.20	51.7125	9.6	...	23.112	-40.771	-4	...	...	...	16.143	+2.778	-5	M	...
...	32.332	-13.600	0.65	51.7128	10.3	...	22.922	-57.462	0.75	51.7139	10.0	...	16.044	+38.637	-5	M	...
...	32.079	-32.124	0.90	51.7127	10.0	...	22.887	+20.130	-2	50.7221	10.3	*	15.983	-39.244	1.00	51.7155	9.6
...	-32.005	+4.775	-4	M	...	...	-22.865	-46.915	-4	...	...	...	-15.895	+38.629	-5	M	...
...	31.960	+27.539	-5	...	...	*	22.320	+8.327	1.00	50.7222	9.6	...	15.864	+51.170	-2	A	...
...	31.714	+5.712	0.70	...	...	*	22.285	+45.391	1.00	50.7225	9.6	*	15.733	-46.681	1.00	51.7156	9.8
...	31.370	-0.914	-5	...	...	*	22.271	+15.653	1.00	50.7223	9.6	...	15.633	-2.239	0.90	50.7236	10.2
...	30.959	-3.977	-5	...	...	...	22.271	-36.274	-5	...	...	...	15.621	-16.206	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
361-420						421-480						481-540					
361	-15.466	+2.869	-2	...	...	421	-7.208	-28.996	1.00	51.7177	9.5	481	+2.321	-48.955	1.00	51.7188	9.8
...	15.170	+59.750	-2	49.7365	10.2	...	7.173	+48.485	0.90	50.7248	9.8	...	2.334	-51.600	-5	...	...
†	15.082	-49.637	-2	51.7157	10.3	...	7.090	+3.496	-5	M	...	...	2.524	+17.802	0.80	50.7261	10.0
...	14.979	-28.484	-5	p	...	...	6.707	+57.864	-5	...	...	...	2.708	+41.680	0.65	50.7262	10.3
...	14.646	-28.856	-5	...	...	...	6.378	+42.680	-2	50.7249	10.3	...	2.750	-21.655	0.70	51.7189	10.2
...	-14.588	-20.041	-5	...	...	...	-6.249	+16.171	-4	...	...	...	+2.892	-44.818	-3	...	...
...	14.573	-40.100	0.70	51.7158	10.3	...	6.173	+25.448	-2	...	...	*	2.934	+20.202	1.10	50.7263	9.0
...	13.989	+48.322	0.95	50.7237	10.0	...	6.122	-46.900	-2	...	...	...	3.039	+39.079	-3	...	...
...	13.481	+51.769	-5	M	...	*	5.867	-41.298	1.00	51.7178	9.6	...	3.221	+5.186	-5	m	...
...	13.414	-19.790	-2	...	...	...	5.857	-21.191	-5	...	...	...	3.375	-53.231	-5	...	...
371	-13.212	-35.941	0.70	51.7159	10.2	431	-5.644	-39.915	-2	51.7179	10.3	491	+3.445	+39.329	-3	...	...
...	12.929	+50.507	1.00	50.7238	9.9	...	5.541	-16.429	0.70	51.7180	10.2	...	3.714	-53.519	-3	...	...
...	12.901	-46.653	-5	...	...	†	5.283	-29.544	-3	...	...	...	3.780	-57.828	-5	...	...
...	12.748	-20.530	0.85	51.7160	10.2	...	5.273	+55.728	-4	...	...	...	3.994	-15.933	-5	...	...
*	12.642	+27.726	0.95	50.7239	9.8	...	4.947	+18.601	-5	M	...	...	4.114	+14.998	-5	...	...
...	-12.627	-7.966	-4	...	...	*	-4.823	+39.338	1.30	50.7250	8.7	...	+4.213	-8.920	-5	...	...
...	12.568	+31.628	-4	...	...	†	4.535	-19.611	1.00	51.7182	9.2	*	4.213	-36.575	1.00	51.7190	9.6
*	12.520	-24.311	1.00	51.7161	9.3	...	4.401	-47.829	-5	...	...	...	4.266	-51.857	-5	...	...
...	12.246	-26.078	0.70	51.7162	10.2	...	4.400	+36.848	-5	...	...	...	4.323	-4.248	-2	50.7264	10.3
...	11.659	-44.112	0.85	51.7163	10.0	...	4.351	+16.362	0.90	50.7252	9.9	...	4.329	-48.169	0.70	51.7191	10.3
381	-11.622	+27.624	-5	M	...	441	-4.325	-2.368	-1	50.7251	10.3	501	+4.407	+4.752	-5	m	...
...	11.445	+32.183	-5	M	...	*	4.216	+40.458	1.10	50.7253	9.2	...	4.624	+7.088	-5	m	...
...	11.430	+18.675	-5	M	...	...	4.199	-56.853	0.65	51.7183	10.2	...	4.669	-3.769	-2	50.7265	10.3
...	11.001	-49.029	-3	...	...	...	3.864	-57.668	-3	...	...	†	4.786	-46.201	-3	...	...
...	10.962	+28.661	-5	M	...	...	3.821	+54.863	-4	49.7377	10.3	...	5.149	-31.578	-2	51.7193	10.3
...	-10.695	-18.932	-3	51.7167	10.3	...	-3.784	-6.449	-4	...	...	...	+5.211	-29.878	0.65	51.7194	10.3
...	10.621	-12.130	-5	...	...	†	3.633	+30.336	-5	Mm	...	...	5.358	-44.221	0.80	51.7195	10.3
...	10.543	-58.014	1.00	51.7165	10.0	...	3.342	+49.244	-5	Mm	...	...	5.661	-15.060	-2	51.7196	10.3
...	10.491	-25.465	-3	...	...	...	3.277	+11.673	-5	Mm	...	...	5.695	-1.361	-5	...	...
*	10.381	-41.163	1.15	51.7166	9.1	*	3.131	-16.107	1.10	51.7184	8.8	*	5.745	+18.656	1.00	50.7266	9.8
391	-10.375	-20.062	0.95	51.7168	9.9	451	-3.106	+16.581	-2	50.7254	10.2	511	+6.074	-6.205	1.05	50.7267	9.2
*	10.295	+42.738	-5	M	...	...	3.098	+48.991	-5	Mm	...	...	6.102	-54.840	-5	...	...
...	10.193	-1.374	-5	...	...	†	3.092	-9.548	-5	...	...	*	6.362	+29.127	1.00	50.7268	9.6
...	10.032	-9.923	-4	...	...	...	2.960	-35.868	0.70	51.7185	10.2	...	6.420	-21.333	-2	...	...
...	9.950	+56.322	-5	M	...	...	2.896	+9.274	-5	Mm	...	...	6.583	+22.153	-3	...	...
...	-9.807	+35.918	-4	A	...	...	-2.814	+53.915	-5	M	...	...	+6.646	-25.876	-5	...	...
*	9.661	+23.721	1.00	50.7240	9.6	...	2.600	-14.843	-4	...	...	...	7.161	-32.300	-4	...	...
†	9.512	+45.174	1.15	50.7241	9.1	...	2.343	+17.967	0.80	50.7255	10.0	...	7.432	+7.013	0.70	50.7269	10.0
...	9.478	+29.628	-3	...	...	...	2.022	-53.204	-5	...	...	...	7.607	+46.363	-5	...	...
...	9.388	-58.634	-5	...	...	S*	1.883	+2.098	1.90	50.7256	8.2	...	7.651	-15.743	-5	...	...
401	-9.307	+21.960	-5	M	...	461	-1.672	+38.396	1.00	50.7257	9.3	521	+7.730	+39.695	0.80	50.7270	10.0
...	9.178	-41.768	0.70	51.7170	10.3	S*	1.581	+34.816	-5	M	...	*	7.997	+13.594	0.95	50.7271	9.8
...	9.057	-29.028	-4	...	...	...	1.554	-50.435	-4	...	...	...	8.086	-28.179	-3	...	...
...	8.969	-6.043	-5	...	...	*	1.349	-32.820	1.00	51.7186	9.5	...	8.150	+24.279	0.85	50.7272	10.2
*	8.906	-24.058	0.90	51.7171	9.8	...	1.348	+32.324	-5	Mm	...	...	8.270	-47.575	-5	...	...
*	-8.833	-9.387	1.00	51.7173	9.3	...	-1.301	-15.642	-3	...	...	...	+8.334	-9.097	0.70	51.7197	10.3
...	8.788	-30.150	-3	...	...	*	1.263	+57.794	1.40	49.7384	9.0	...	8.600	+54.694	-5	...	...
...	8.761	+45.533	0.80	50.7244	10.2	...	1.161	-10.780	-4	...	...	...	8.898	+38.296	-5	m	...
...	8.718	+27.461	-5	M	...	...	0.892	+10.193	-1	50.7258	10.2	...	9.001	-47.397	-5	...	...
...	8.711	-4.200	-2	50.7243	10.3	...	0.680	+39.847	-4	M	...	...	9.078	+1.394	-3	50.7273	10.3
411	-8.684	+2.993	-2	50.7242	10.3	471	-0.339	-25.207	-3	...	...	531	+9.100	-26.292	1.00	51.7199	9.6
...	8.640	-43.071	0.70	51.7172	10.3	†	0.061	+33.343	0.80	50.7259	10.0	...	9.116	-37.984	-5	...	...
...	8.358	+18.867	0.75	50.7245	10.2	...	-0.022	+6.912	-5	Mm	...	...	9.320	-10.531	-4	...	...
...	8.232	-11.257	-3	51.7175	10.3	...	+1.238	-6.494	-2	51.7187	10.2	...	9.344	+3.035	-5	m	...
...	8.205	+26.878	-1	50.7246	10.3	*	1.241	-2.455	0.95	50.7260	9.9	...	9.372	-41.598	0.85	51.7200	10.0
...	-8.102	-13.487	-5	...	...	...	+1.642	+19.063	-4	M	...	...	+9.373	+54.111	-5	...	...
...	7.771	-57.750	0.95	51.7176	10.0	...	1.793	-1.444	-4	...	...	...	9.564	-48.945	-5	...	...
...	7.431	+28.920	-5	...	...	...	2.054	-6.927	-5	...	...	...	9.733	+44.190	-5	...	...
...	7.337	+27.183	0.80	50.7247	10.0	...	2.094	-43.332	-5	...	...	*	10.037	-6.637	1.25	51.7201	9.2
...	7.294	+47.534	-5	...	...	...	2.156	-37.394	-5	...	...	...	10.089	+32.517	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
541-600						601-660						661-720					
54I	+10.544	+7.946	-4	b	...	60I	+17.147	-20.069	0.70	51.7220	10.2	66I	+26.288	+57.819	-5	...	...
...	10.684	+29.988	0.70	50.7274	10.2	...	17.177	-39.744	0.65	...	...	...	26.385	-34.444	0.80	51.7236	10.0
...	10.942	-26.546	-5	...	...	...	17.465	+57.455	-3	...	...	...	26.631	+23.217	0.75	50.7291	10.2
...	11.024	-52.161	-3	...	...	...	17.622	+6.020	-5	m	...	...	26.632	+13.314	0.90	50.7290	10.0
...	11.038	+42.505	0.70	50.7275	10.2	...	17.662	+30.373	-3	...	...	...	26.679	+25.771	-5	m	...
...	+11.140	-23.270	-5	...	...	*	+17.894	-51.399	1.00	51.7221	9.8	...	+26.752	-50.220	1.00	51.7239	10.0
...	11.395	-45.280	0.75	51.7202	10.2	...	17.895	-12.074	-4	...	...	*	26.824	-46.817	1.10	51.7238	9.2
...	11.419	-49.373	-3	...	...	...	17.981	-50.809	0.70	51.7222	10.3	...	26.916	-56.552	-3	...	...
...	11.489	-25.872	0.65	51.7203	10.3	†	18.004	-9.641	-5	...	...	...	26.917	-6.753	-3	51.7237	10.3
...	11.558	-42.254	-4	...	...	...	18.160	+33.223	-4	...	...	...	26.957	+1.336	0.85	50.7293	10.0
55I	+11.673	-16.147	1.15	51.7205	9.0	61I	+18.307	+12.194	-3	50.7278	10.3	67I	+27.066	+34.845	1.00	50.7292	9.3
*	11.764	-58.174	2.80	51.7204	7.6	...	18.462	-11.687	0.70	51.7223	10.2	...	27.189	+10.109	-5	m	...
...	11.788	+41.926	-5	m	...	...	18.498	+56.284	-4	...	...	...	27.324	+37.931	-2	50.7294	10.3
...	11.830	-16.204	-4	...	...	...	18.530	+10.617	-3	50.7279	10.3	...	27.326	+34.244	-4	...	...
...	11.831	+45.850	-5	...	...	...	18.708	+58.443	-2	49.7411	10.2	...	27.510	-2.832	-2	50.7295	10.3
...	+11.854	-55.624	-5	...	...	...	+18.819	-32.054	-5	...	...	...	+27.898	-14.203	-3	...	...
...	12.007	+58.568	-5	...	...	...	18.828	+19.944	-3	50.7280	10.3	*	28.271	+42.527	1.05	50.7296	9.3
...	12.089	-8.101	0.70	51.7206	10.2	...	18.946	-30.698	-5	...	...	...	28.316	-10.231	-5	...	...
...	12.188	-10.962	0.70	...	...	...	19.115	+29.621	-5	m	...	...	28.396	-12.545	0.90	51.7240	10.0
*	12.197	-10.764	1.20	51.7207	8.6	*	19.185	-40.592	0.90	51.7225	9.9	...	28.463	+4.681	-4	...	...
56I	+12.635	-34.396	-5	...	...	62I	+19.200	+49.799	0.95	50.7281	9.9	68I	+28.523	-35.899	-5	...	...
...	12.694	-16.282	-4	...	...	...	19.631	+41.009	-3	...	...	...	28.779	-8.907	-5	...	...
...	12.728	+56.792	-4	...	...	†	19.697	-32.665	-5	...	...	...	28.923	-30.807	-4	...	...
...	12.739	+47.251	-5	m	...	...	19.892	-51.356	1.00	51.7226	9.8	*	28.928	-58.251	1.40	51.7241	9.2
...	13.083	+17.973	-4	m	...	...	20.281	+45.950	-3	...	...	...	28.936	-2.546	-3	...	...
...	+13.208	+32.347	-4	...	...	*	+20.451	+24.173	1.20	50.7282	8.8	...	+29.033	+44.805	-5	...	...
...	13.506	+42.634	-2	50.7276	10.3	...	20.507	-43.067	-3	...	...	*	29.040	-52.133	1.20	51.7242	9.2
...	13.585	-16.294	-4	...	...	*	20.616	+52.276	1.30	50.7283	8.9	...	29.140	-2.367	-5	...	...
*	13.734	-44.313	1.30	51.7208	8.9	...	20.865	+19.726	-5	m	...	...	29.562	-56.793	-5	...	...
*	14.508	+36.272	0.95	50.7277	9.6	...	21.205	-59.191	-2	51.7227	10.2	...	29.635	-10.450	0.95	51.7243	10.0
57I	+14.603	-19.435	0.70	51.7210	10.0	63I	+21.252	-28.119	0.70	51.7228	10.2	69I	+29.867	-22.766	-5	...	...
*	14.615	-52.975	1.00	51.7211	9.6	...	21.273	-32.429	-2	...	...	...	29.904	+56.870	-5	...	...
...	14.624	-33.420	0.85	51.7209	10.0	...	21.314	+11.775	-3	...	...	...	30.276	-59.019	-5	...	...
...	14.645	+55.538	-5	...	...	...	21.474	-29.976	-4	...	...	...	30.627	-17.485	-5	...	...
...	14.923	-51.468	0.70	51.7212	10.2	...	21.506	-34.164	-5	...	...	...	30.675	-39.607	-5	...	...
...	+14.980	-41.150	0.70	51.7213	10.3	...	+21.837	+23.266	-5	...	...	*	+30.748	+24.371	1.10	50.7297	9.2
...	15.025	-50.634	-4	...	...	...	21.905	-22.449	0.70	51.7229	10.3	...	30.815	+1.192	-5	m	...
...	15.252	+18.386	-4	...	...	...	22.136	+28.950	-4	50.7284	10.3	...	30.898	-39.917	-5	...	...
...	15.351	+51.039	-5	...	...	*	22.155	+15.939	0.90	50.7285	9.9	...	30.910	-31.268	-3	...	...
...	15.384	+17.338	-5	m	...	n	22.328	+40.683	-2	50.7286	10.2	...	31.004	+48.874	-5	m	...
58I	+15.405	+33.013	-4	...	...	64I	+22.351	-56.036	-5	...	...	70I	+31.050	-0.732	1.00	50.7298	9.5
S *	15.420	-50.991	1.85	51.7214	8.2	n	22.414	+40.706	-2	50.7286	10.2	...	31.423	-36.061	-4	...	...
...	15.467	+12.151	-4	m	...	...	22.488	-30.764	-2	...	...	...	31.630	-35.096	-5	p	...
...	15.477	-22.799	-4	...	...	*	22.704	-52.655	1.00	51.7231	9.8	...	31.651	-52.222	0.90	51.7244	10.0
...	15.494	+59.908	-1	49.7404	10.2	...	22.773	-28.712	-5	...	...	...	31.733	-52.631	-4	...	...
*	+15.539	-51.620	1.00	51.7215	9.8	...	+22.866	+43.428	-4	...	...	...	+31.893	-30.125	-5	...	...
...	15.963	-22.200	-5	...	...	...	23.038	-49.596	0.95	51.7232	10.0	...	31.895	+12.041	-4	...	...
...	15.974	-19.938	-5	...	...	...	23.505	+43.191	-3	...	...	...	31.998	+29.185	-5	m	...
...	15.980	-20.641	1.20	51.7217	8.8	...	23.518	-32.169	-5	p	...	†	32.039	+10.388	-4	m	...
...	16.165	-8.393	-5	...	...	*	23.732	-27.577	1.00	51.7233	9.8	...	32.169	+53.088	-3	...	...
59I	+16.226	-51.069	0.85	51.7218	9.9	65I	+23.965	-37.801	-3	...	...	71I	+32.788	+7.991	-5	m	...
...	16.260	+54.995	-5	...	...	...	23.975	+48.266	1.00	50.7287	9.9	S *	32.958	-14.885	1.75	51.7245	8.4
...	16.404	-50.974	-2	...	...	...	24.067	+56.500	-4	...	...	...	32.966	+42.488	-2	50.7299	10.2
...	16.407	+18.931	-5	m	...	...	24.156	-22.449	-5	...	...	...	33.198	-1.336	-2	...	...
...	16.464	+47.357	-5	m	...	...	24.232	+6.632	0.90	50.7288	10.0	...	33.352	+58.747	-5	...	...
*	+16.710	+58.458	1.20	49.7408	9.3	...	+25.009	+46.964	1.00	50.7289	9.8	*	+33.404	-52.071	1.35	51.7246	9.0
...	16.952	-22.042	0.75	51.7219	10.0	...	25.609	+12.027	-5	...	...	*	33.451	+41.462	1.00	50.7300	9.8
...	16.981	-2.382	-5	...	...	...	25.989	-55.244	-2	...	...	*	33.454	+57.509	1.60	49.7439	8.6
...	17.069	-3.255	-5	...	...	...	26.118	+52.795	-5	...	...	...	33.482	-6.986	-2	...	...
...	17.121	-51.386	-1	...	...	...	26.134	-46.648	1.00	51.7235	10.0	...	33.531	-42.054	0.70	...	...

640, 642. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	δ .		No.	Mag.		α .	δ .		No.	Mag.		α .	δ .		No.	Mag.
721-780						781-840						841-900					
72I	+33°539	-24°380	-4	...	...	78I	+41°569	+8°118	-5	<i>m</i>	...	84I	-49°482	-6°340	0.90	50.7335	10.1
...	33°660	+41°064	-3	50.7301	10.3	...	41°611	+4°017	-3	...	...	...	49°765	-26°911	-4	...	...
...	33°697	-13°802	-5	...	...	...	41°666	+9°874	-3	50.7318	10.3	*	49°913	+7°780	1.00	50.7336	9.5
...	33°961	-30°529	0.70	51.7247	10.3	...	41°856	+13°456	1.00	...	...	...	49°943	-10°375	-4	...	...
...	34°061	-32°065	0.70	51.7248	10.2	...	41°901	+13°272	2	50.7319	9.5	...	50°116	+5°104	0.70	50.7337	10.3
...	+34°188	+38°040	-5	<i>m</i>	...	*	+42°019	-42°334	1.15	51.7267	9.2	...	+50°255	+2°498	-5	<i>m</i>	...
...	34°390	+44°366	0.95	50.7302	9.9	...	42°128	+13°552	-5	...	...	...	50°447	-38°355	-4	51.7287	10.6
...	34°464	-30°887	-2	...	...	...	42°138	-49°215	-3	51.7268	10.6	...	50°473	-25°470	-3	51.7286	10.6
...	34°544	+45°699	-4	...	...	...	42°368	-5°152	0.80	50.7322	10.4	...	50°629	+1°187	-5	<i>m</i>	...
...	34°683	-8°305	4	...	...	...	42°581	+51°383	1.00	50.7320	10.0	...	50°664	+5°675	0.65	50.7339	10.6
73I	+34°911	+1°452	-5	<i>m</i>	...	79I	+42°601	-17°621	1.00	51.7269	9.6	85I	+50°888	+45°006	-4	50.7338	10.6
...	35°001	-49°601	1.60	50.7303	8.2	...	42°685	+44°398	3	50.7321	10.6	*	51°310	-20°582	1.00	51.7288	10.1
*	35°160	-56°393	5	<i>m</i>	...	S *	42°835	+18°330	1.30	50.7323	9.0	...	51°829	-33°555	5	51.7289	10.6
*	35°234	+42°890	1.15	50.7304	8.8	*	42°930	+24°064	1.30	50.7324	9.1	...	51°838	-33°448	-5	...	...
...	35°390	-16°994	0.75	51.7249	10.2	...	43°050	-38°231	0.70	51.7271	10.6	...	51°902	+13°307	-4	...	...
+	+35°442	-44°440	0.95	51.7250	9.8	...	+43°120	-40°782	-1	51.7270	10.6	...	+52°057	+1°344	-5	<i>m</i>	...
+	35°532	-14°622	-5	...	...	...	43°167	+28°904	0.80	50.7325	10.6	*	52°078	+24°458	0.95	50.7340	10.2
+	35°588	+49°688	-5	<i>m</i>	...	...	43°178	-30°810	-4	...	...	...	52°404	-24°063	-4	...	...
...	35°671	+1°424	0.75	50.7306	10.0	...	43°296	+9°280	0.90	50.7326	10.4	e	52°500	-21°495	0.65	51.7290	10.4
...	35°682	-17°382	0.80	51.7251	10.0	...	43°516	+24°423	3	...	...	...	52°520	+38°756	-5	<i>m</i>	...
74I	+35°745	-28°914	-5	...	...	80I	+43°726	+54°772	-4	49.7455	10.3	86I	+52°775	-42°349	0.85	51.7291	10.1
*	35°881	-44°047	1.00	51.7252	9.6	...	43°944	-19°948	-2	51.7272	10.6	e	52°971	-53°258	0.85	51.7293	10.1
...	35°913	+47°621	0.70	50.7305	9.9	*	44°083	+58°381	1.25	49.7456	9.2	*	53°113	-0°291	1.60	50.7341	8.6
*	35°953	+39°896	0.90	50.7307	9.8	...	44°195	-41°116	0.80	51.7274	10.4	...	53°323	+8°851	-5	<i>m</i>	...
...	36°204	-8°202	-5	...	...	...	44°367	-36°065	0.70	51.7275	10.4	e †	53°453	-24°632	1.00	51.7292	9.6
*	+36°487	+47°528	-5	<i>m</i>	...	...	+44°407	+32°109	-5	<i>m</i>	...	...	+53°642	-22°943	-4	...	...
*	36°927	-39°394	1.00	51.7254	9.4	...	44°436	+24°005	-5	...	...	e *	53°675	-34°044	1.10	51.7294	9.5
...	36°974	-28°619	-5	...	...	...	44°474	-16°536	-5	51.7273	10.6	...	53°853	+34°647	-4	...	...
...	37°092	+37°102	-3	...	...	...	44°554	+21°578	-4	...	...	...	54°254	+3°924	-3	50.7342	10.6
*	37°114	-2°936	1.40	50.7309	8.6	*	44°898	+13°566	1.10	50.7327	9.2	...	54°604	+33°294	-5	<i>m</i>	...
75I	+37°122	+30°890	-3	...	...	81I	+45°198	+6°414	-5	...	...	87I	+54°836	+32°538	-5	...	...
...	37°132	+44°958	-3	50.7308	10.3	...	45°264	+26°425	0.70	50.7328	10.6	...	55°235	+51°870	-2	50.7343	10.3
...	37°155	-47°660	0.75	51.7256	10.2	...	45°742	+13°704	-5	<i>m</i>	...	...	55°337	-36°083	-5	...	...
...	37°298	-17°301	-5	...	...	...	45°779	-13°298	-5	...	...	...	55°410	-29°475	-5	...	...
...	37°359	-48°105	0.80	51.7257	10.2	...	45°812	+17°647	-5	<i>m</i>	...	...	55°549	+0°685	0.65	50.7345	10.6
...	+37°549	-8°665	-3	51.7255	10.3	...	+45°821	-17°703	-5	...	...	*	+55°681	+34°600	1.20	50.7344	8.7
...	38°230	+18°842	-2	50.7310	10.3	...	45°905	-24°014	-5	...	...	...	55°962	+8°538	-1	50.7346	10.6
...	38°283	+30°705	-4	...	...	...	46°001	+18°504	-5	<i>m</i>	...	e *	56°117	-31°910	1.15	51.7295	9.4
...	38°354	-33°394	-5	...	...	...	46°382	+31°107	-5	...	...	...	56°141	+11°493	-5	...	...
...	38°724	-35°317	-3	...	...	...	46°398	-12°756	0.70	51.7276	10.6	...	56°217	-34°262	-4	<i>e</i>	...
76I	+38°957	+30°909	-5	<i>m</i>	...	82I	+47°031	-31°838	1.15	51.7277	9.1	88I	+56°470	-15°980	-4	<i>e</i>	...
...	39°084	+28°798	-5	<i>m</i>	...	...	47°169	+32°799	-5	50.7329	10.6	...	56°505	-23°961	-5	...	...
...	39°127	+9°990	0.70	50.7311	10.3	...	47°272	+21°865	-3	50.7330	10.6	...	56°586	+7°441	-3	50.7347	10.6
...	39°207	-43°363	-4	...	...	*	47°446	-4°731	1.00	50.7331	9.6	e	56°730	-46°025	-3	51.7297	10.6
*	39°287	-26°926	1.00	51.7258	9.6	...	47°452	-8°965	-5	...	...	...	56°830	+51°166	-4	...	...
*	+39°296	-55°710	1.15	51.7260	9.1	...	+47°517	-53°514	-1	51.7278	10.4	...	+56°850	+4°877	-5	<i>m</i>	...
...	39°351	-55°780	0.85	...	...	...	47°643	-27°058	-2	...	...	e	56°953	-55°446	-1	51.7299	10.6
...	39°486	-42°233	-3	...	...	...	47°850	-11°182	-4	...	...	e *	57°019	-40°890	1.20	51.7298	9.5
*	39°498	-41°241	1.00	51.7262	9.8	*	47°981	+3°332	1.00	50.7332	9.5	*	57°079	+23°702	1.20	50.7348	9.1
...	39°501	+9°699	-3	50.7312	10.3	...	48°032	-11°139	-5	...	...	*	57°179	+12°826	1.00	50.7349	10.0
77I	+39°649	+2°289	-3	50.7313	10.3	83I	+48°422	-38°203	-4	51.7280	10.6	89I	+57°553	+21°398	0.90	50.7350	10.2
+	39°787	-20°960	1.05	51.7261	9.2	...	48°653	+0°507	0.85	50.7333	10.0	e *	57°632	-51°695	1.40	51.7303	9.6
...	39°861	-49°833	0.95	51.7264	9.9	...	48°713	-17°370	0.75	51.7281	10.6	e *	57°727	-42°773	1.10	51.7301	9.6
...	40°500	-51°197	-4	51.7265	10.6	*	48°816	-1°173	1.00	50.7334	9.6	...	57°739	-36°321	-5	<i>p</i>	...
*	40°576	+22°849	1.00	50.7314	9.3	...	48°865	+24°470	-5	<i>m</i>	...	...	58°207	+51°489	-5	...	...
...	+40°592	-5°067	0.70	50.7317	10.3	...	+48°874	-47°899	-5	51.7282	10.6	c	+58°304	-17°375	-2	51.7302	10.6
*	40°893	+36°640	1.00	50.7316	9.6	N	48°915	-46°433	3	51.7283	10.4	...	58°520	+48°371	0.85	50.7351	10.0
...	41°033	+53°415	-1	50.7315	10.2	...	49°128	-37°843	-4	51.7284	10.6	...	58°829	-16°830	-5	<i>e</i>	...
...	41°321	-26°333	-5	...	...	...	49°359	-54°430	-4	51.7285	10.6	...	59°379	+42°768	-3	50.7352	10.6
...	41°552	-35°811	0.95	51.7266	10.1	...	49°379	-12°937	-4	...	...	...	59°417	+35°869	-5	...	...

837. Partly obscured by fault.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.
901-904					
901	+59.432	-11.075	1.00	51.7304	9.6
e *	59.495	+34.391	-5	...	...
...	59.524	-1.362	-5	...	...
e †	59.662	-26.239	-3	51.7305	10.6

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		...	No.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		...	No.

1-40						41-80						81-120					
I						4I						8I					
E †	-59.943	-21.674	-3	51.7290	10.4	...	-51.725	+37.588	-5	...	...	†	-44.355	+30.235	1.10	50.7366	9.4
...	59.797	+32.431	-5	...	...	...	51.638	+59.676	-5	...	...	...	44.122	-54.708	-4	51.7320	10.6
...	59.210	+3.809	-4	50.7342	10.6	...	51.198	+29.134	-4	...	...	...	44.060	+29.060	0.90	50.7369	10.2
...	59.020	+34.523	1.25	50.7344	8.7	...	50.999	+10.604	-4	...	...	S †	44.010	+15.425	1.65	50.7367	8.6
E *	58.869	-24.762	1.10	51.7292	9.6	...	50.975	+27.122	5	M	...	...	43.845	+11.661	0.90	50.7368	10.1
E	-58.815	-42.491	-1	51.7291	10.1	...	-50.316	+2.330	-5	...	...	...	-43.770	-9.375	-4	...	...
...	58.550	+51.131	-5	...	...	...	50.285	+22.370	-3	...	...	...	43.619	-26.943	0.75	51.7323	10.6
E *	58.271	-34.142	1.15	51.7294	9.6	*	50.181	+41.693	1.25	50.7359	9.5	...	43.469	+4.614	0.80	50.7370	10.4
E	58.175	-53.371	-1	51.7293	10.1	†	49.952	+26.372	-5	...	...	...	43.450	+56.840	-4	...	...
...	57.795	+0.628	-3	50.7345	10.6	...	49.670	-38.383	-3	50.7360	10.6	...	43.430	+15.855	-5	...	...
II						5I						9I					
...	-57.698	+8.484	-3	50.7346	10.6	...	-49.666	+9.593	-5	M	...	...	-43.171	+33.757	-1	50.7372	10.6
...	57.631	+11.432	-5	...	...	...	49.048	+38.260	-3	50.7361	10.4	...	43.144	+53.743	-5	...	...
*	57.183	+23.684	1.35	50.7348	9.1	...	48.953	+8.797	-4	...	...	...	43.008	-49.330	0.80	51.7325	10.1
...	57.029	+7.415	-4	50.7347	10.6	...	48.713	+16.063	-3	...	...	...	42.924	+31.983	1.00	50.7373	10.0
...	56.731	+48.398	-1	50.7351	10.0	...	48.612	+32.576	-3	50.7362	10.6	...	42.837	+30.863	0.90	50.7374	10.3
...	-56.663	+12.818	1.00	50.7349	10.0	...	-48.472	-17.336	-5	p	...	...	-42.762	+19.420	0.80	50.7371	10.4
...	56.644	+21.394	0.80	50.7350	10.2	...	47.809	-25.213	-2	51.7309	10.6	...	42.289	+27.470	-5	M	...
...	56.206	-16.004	-5	E	...	...	47.713	+16.682	-4	...	...	...	42.204	+29.833	0.95	50.7376	10.0
E *	55.916	-31.926	1.20	51.7295	9.4	...	47.651	-40.073	-5	...	...	*	42.073	+8.290	1.15	50.7375	9.6
...	55.721	-34.273	-5	E	...	*	47.553	-4.713	1.20	50.7363	9.2	*	41.927	+57.737	1.20	49.7518	9.6
2I						6I						10I					
...	-55.655	+42.811	-3	50.7352	10.6	...	-47.045	-56.030	0.80	51.7310	10.0	...	-41.646	+3.910	-5	...	...
...	55.214	+34.454	-5	...	...	...	46.993	-50.908	1.00	51.7311	10.0	...	41.499	+25.626	-5	...	...
...	54.957	+59.829	1.80	49.7496	8.7	...	46.880	+31.966	-2	50.7364	10.6	*	41.184	-52.381	1.30	51.7326	9.4
E *	54.733	-45.984	-4	51.7297	10.6	...	46.837	-0.334	-5	...	...	*	41.008	+40.614	1.00	50.7377	10.0
...	54.634	-40.840	1.20	51.7298	9.5	...	46.669	-41.213	0.90	51.7312	10.2	...	40.791	+38.793	-3	50.7378	10.6
E	-54.312	-17.306	-3	51.7302	10.6	...	-46.667	-39.602	-5	...	...	S *	-40.559	+48.747	3.00	50.7379	8.0
E	54.113	-55.402	-4	51.7299	10.6	†	46.357	+55.196	1.15	49.7509	9.6	...	40.528	-3.491	-5	...	...
E *	53.847	-42.690	1.00	51.7301	9.6	...	46.213	-45.986	-2	51.7313	10.4	...	40.327	+22.389	-5	...	...
...	53.818	-16.741	-5	E	...	...	45.680	-7.469	-2	51.7316	10.6	...	39.921	+8.531	-5	...	...
...	53.798	+20.630	-5	...	...	...	45.436	-50.196	-5	...	...	†	39.900	+27.300	1.35	50.7380	9.1
3I						7I						11I					
E *	-53.594	-51.619	1.45	51.7303	9.6	...	-45.280	-20.679	-4	...	...	...	-39.686	-20.660	-2	51.7327	10.6
...	53.551	+3.872	0.95	50.7353	10.2	*	45.252	-51.428	1.50	51.7314	9.1	...	39.336	+40.514	1.00	50.7382	10.0
E *	53.441	-10.972	1.00	51.7304	9.6	†	45.067	-34.962	-5	...	...	...	38.814	-0.487	0.90	50.7381	10.1
...	53.169	+33.062	-4	50.7355	10.6	†	45.048	-52.872	1.20	51.7315	9.5	...	38.767	+53.593	-3	50.7383	10.6
E *	52.594	-26.110	-3	51.7305	10.6	...	44.821	-44.109	0.75	51.7318	10.4	...	38.747	+33.978	-5	...	...
...	-52.487	-5.039	1.00	50.7354	9.6	...	-44.695	-28.243	-1	51.7319	10.6	*	-38.642	-6.370	1.00	51.7328	10.0
...	52.317	+3.339	0.90	50.7356	10.4	*	44.616	-20.335	1.00	51.7321	9.8	...	37.938	-40.947	-1	51.7329	10.6
S *	51.974	-13.691	1.25	51.7306	9.1	...	44.577	-30.961	-5	p	...	...	37.760	+9.057	-2	50.7386	10.6
...	51.914	+33.444	1.00	50.7358	10.0	...	44.536	+21.943	0.90	50.7365	10.0	...	37.752	+4.784	-2	50.7384	10.6
...	51.913	+4.895	0.90	50.7357	10.3	*	44.511	-26.728	1.00	51.7322	10.0	...	37.673	+35.109	1.00	50.7387	10.0

L measured from 1, 109, 248, 420, 595, 787.

C " " 49, 183, 339, 503, 699, 857.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
121-180						181-240						241-300					
I2I	-37°56'	-2°76'	3.00	50.7385	7.6	I8I	-30°184	-22°288	-5	...	...	24I	-21°757	+42°904	-4	...	...
...	37°364	-13°983	-4	...	...	†	30°176	-42°878	-5	...	...	*	21°720	-7°155	I.10	51.7360	9.4
...	37°335	+33°061	-5	M	...	†	29°960	+50°023	-1	50.7402	10.2	...	21°368	-33°218	-4	...	...
...	37°202	+11°134	-5	...	...	...	29°927	-34°372	0.90	51.7344	10.3	...	20°957	-14°227	-5	...	...
...	37°186	+14°240	-5	...	...	...	29°833	-5°597	-5	...	...	...	20°923	-10°886	-4	...	...
...	-37°144	+33°859	-5	M	...	...	-29°806	+50°999	-1	50.7403	10.3	...	-20°815	-43°337	0.90	51.7361	10.3
*	36°938	+2°229	I.00	50.7388	10.0	...	29°243	-24°892	-5	p	...	...	20°370	+45°043	-5	...	...
...	36°723	+22°830	-5	...	...	...	29°161	+31°847	-3	50.7404	10.6	...	19°836	-39°093	-2	51.7363	10.6
†	36°716	-59°398	-5	...	...	...	28°954	-50°652	0.80	51.7345	10.3	...	19°764	+12°440	-2	50.7414	10.6
...	36°695	-42°592	-5	...	...	*	28°885	+56°075	I.05	49.7544	9.8	*	19°680	+28°983	I.00	50.7415	9.6
I3I	-36°377	+10°473	0.90	50.7390	10.4	I9I	-28°825	+50°978	-4	50.7405	10.6	25I	-19°642	+27°773	-3	50.7416	10.4
...	36°333	-33°395	0.70	51.7331	10.3	...	28°732	-45°738	-5	...	...	*	19°509	-42°599	I.00	51.7364	10.0
...	36°323	+38°827	-3	50.7393	10.6	*	28°685	+47°875	I.00	50.7406	10.0	...	19°490	+51°755	-3	...	...
...	36°230	-4°656	0.75	50.7389	10.6	...	28°673	+54°174	-3	...	...	...	19°130	+36°344	-5	...	...
†	36°226	+40°356	-5	50.7394	10.6	...	28°660	-12°500	-1	51.7348	10.6	...	19°072	-18°454	-5	p	...
...	-36°162	+30°110	-3	50.7391	10.6	*	-28°564	-50°007	I.05	51.7347	10.0	*	-18°931	-30°600	I.00	51.7366	10.0
...	36°156	-21°069	I.00	51.7332	10.0	...	28°099	+6°250	0.90	50.7407	10.3	...	18°925	+27°768	-4	...	...
*	36°142	+27°391	I.15	50.7392	9.5	...	27°924	+32°964	-2	...	...	...	18°880	-21°968	-5	...	...
...	36°108	+9°966	-4	...	...	*	27°836	-45°313	I.15	51.7349	9.6	*	18°650	+40°037	I.10	50.7417	9.1
...	35°689	+29°793	-5	...	...	...	27°740	-40°451	-3	...	...	...	18°448	+36°590	-5	...	...
I4I	-35°640	-34°883	-5	...	...	20I	-27°687	-47°205	-5	...	...	26I	-18°440	-11°020	I.10	51.7367	9.6
...	35°484	-10°449	-5	...	...	...	27°493	+23°640	-3	...	...	...	18°321	-12°743	-1	51.7368	10.3
*	35°358	-40°592	I.00	51.7333	10.0	...	27°465	-19°136	-5	51.7350	10.6	...	18°251	-36°974	-5	...	...
...	35°165	+26°218	-5	M	...	...	27°302	-8°942	-3	51.7351	10.6	...	18°199	-18°863	-5	...	...
†	35°116	-49°217	-5	p	...	...	27°157	-20°750	-4	...	...	...	18°062	-32°756	-5	...	...
...	-35°109	+39°993	-2	50.7395	10.1	...	-27°150	-16°425	-5	p	...	...	-18°037	+5°641	0.95	50.7418	10.0
†	35°072	-6°357	0.90	51.7334	10.3	*	27°079	+24°403	0.85	50.7408	10.4	...	17°766	+15°512	-5	M	...
...	34°906	+29°049	-5	M	...	...	26°861	+22°026	-5	M	...	...	17°764	-8°333	-5	...	...
*	34°896	-7°994	I.10	51.7335	9.4	...	26°728	+38°281	-5	M	...	...	17°749	+21°681	-5	M	...
...	34°826	-53°893	-5	...	...	...	26°688	-11°219	-3	51.7352	10.6	...	17°661	+23°744	-5	M	...
I5I	-34°775	-20°946	-5	...	...	22I	-26°596	-2°415	-5	...	...	27I	-17°577	+21°653	-5	...	...
...	34°697	+5°194	-3	...	...	...	26°546	+39°737	-4	...	...	...	17°568	-40°590	-5	...	...
...	34°586	+39°963	-5	...	...	...	26°244	-39°177	-4	...	...	...	17°527	+16°407	0.65	50.7419	10.4
†	34°098	+50°274	-3	50.7397	10.6	...	26°150	+40°412	-5	...	...	*	17°392	-21°706	I.00	51.7369	10.0
...	33°743	-56°766	-1	51.7336	10.4	...	26°106	+40°005	-4	...	...	...	17°377	+31°417	-5	...	...
...	-33°607	-43°519	-5	...	...	...	-25°924	+1°303	0.95	50.7409	10.2	...	-17°328	-44°241	-4	...	...
a	33°577	+0°076	I.00	50.7396	10.1	...	25°406	-28°175	-5	...	...	...	17°309	+18°339	-5	...	...
...	33°523	-54°682	-5	...	...	*	24°740	-57°379	I.15	51.7353	10.0	...	17°290	+47°670	-3	50.7420	10.6
...	33°465	+34°101	-2	50.7399	10.6	...	24°530	-13°280	0.85	51.7354	10.3	...	17°222	-16°882	I.00	51.7370	10.0
...	33°231	-19°332	-5	...	...	...	24°374	-10°619	-5	...	...	S *	16°982	+31°332	I.90	50.7421	8.6
I6I	-33°216	+58°502	-5	...	...	22I	-24°084	+41°757	-5	...	...	28I	-16°971	-4°045	-5	...	...
...	33°154	+8°323	0.80	50.7398	10.6	...	23°902	-35°701	-5	...	...	...	16°870	+18°477	-3	...	...
...	33°131	-9°033	-5	p	...	...	23°855	+38°508	-4	...	...	*	16°800	+50°391	I.25	50.7422	9.2
...	33°078	-49°764	-3	51.7337	10.6	S *	23°848	-26°180	2.25	51.7355	8.2	*	16°765	-54°760	I.50	51.7371	9.0
...	33°048	-34°756	-5	...	...	...	23°815	-40°137	-3	...	...	*	16°525	-16°627	I.00	51.7373	9.8
...	-32°696	-45°661	-5	...	...	...	-23°725	+22°496	-3	50.7410	10.6	...	-16°353	-5°278	0.70	50.7423	10.4
...	32°573	+39°289	-5	...	...	...	23°724	+4°670	-4	M	...	*	16°309	-10°527	3.70	51.7374	7.0
*	32°528	+59°816	I.30	49.7536	9.2	...	23°670	-58°636	-4	...	...	...	16°190	+20°664	-5	M	...
...	32°455	-34°274	I.00	51.7338	10.2	...	23°607	-24°098	I.00	51.7356	9.6	...	16°007	+36°683	-5	...	...
...	32°424	-32°743	-5	...	...	*	23°476	-50°615	-4	...	...	...	15°969	+11°498	-5	M	...
I7I	-32°368	-8°662	-4	51.7339	10.6	23I	-23°370	-0°658	-5	...	...	29I	-15°870	-16°398	-5	...	...
...	32°117	-16°939	-2	51.7340	10.2	...	23°195	+6°841	-5	M	...	...	15°782	-4°322	-5	50.7424	10.6
*	31°896	-14°263	I.00	51.7341	9.8	...	22°968	+41°548	-2	50.7412	10.6	...	15°765	-45°092	-5	...	...
*	31°614	-34°184	I.00	51.7342	10.0	...	22°967	+39°456	0.75	50.7411	10.4	...	15°635	-53°474	I.00	51.7375	10.0
...	31°087	+48°430	-1	50.7401	10.3	...	22°663	-53°510	-4	51.7357	10.6	...	15°521	+24°033	-5	...	...
...	-31°011	+42°960	-5	...	...	*	-22°371	+46°355	I.00	50.7413	10.0	...	-15°472	-3°495	-3	50.7425	10.6
...	30°908	+16°538	-5	...	...	...	22°235	-43°511	0.80	51.7358	10.6	...	15°427	-51°284	I.00	51.7376	10.0
*	30°540	-0°633	I.00	50.7400	10.0	...	21°980	-7°919	-5	p	...	...	15°203	-38°453	-5	...	...
...	30°508	-34°292	-2	51.7343	10.6	...	21°903	+26°554	-4	...	...	†	15°059	+26°105	-4	50.7426	10.6
...	30°243	-17°424	-5	p	...	*	21°758	-35°266	I.00	51.7359	9.8	*	14°817	-46°233	I.05	51.7377	9.8

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
301-360						361-420						421-480					
30I	-14.816	+38.064	-3	...	...	36I	-7.577	-35.364	-4	...	...	42I	+0.011	-3.565	1.00	50.7455	10.0
...	14.692	-27.817	-4	...	...	...	7.535	-12.958	-4	...	...	...	0.297	-34.353	-5	...	...
*	14.651	-7.909	1.05	51.7378	9.5	*	7.495	-41.615	1.00	51.7395	10.0	...	0.450	-30.228	0.85	51.7412	10.3
...	14.626	+27.950	-5	...	...	...	7.027	-12.667	-5	...	...	...	0.510	+27.300	-5	50.7457	10.6
*	14.619	+13.841	1.00	50.7427	9.5	*	6.895	+31.206	1.00	50.7439	10.0	*	0.604	+39.724	1.00	50.7458	10.0
...	-14.584	+28.924	-5	M	...	†	-6.857	-19.588	0.95	51.7396	10.0	...	+0.720	+44.296	-2	50.7459	10.4
...	14.551	+15.806	-3	50.7428	10.6	...	6.772	+51.121	-3	50.7442	10.6	...	0.867	+44.152	-5	Mm	...
...	14.498	+43.920	-5	...	...	*	6.656	+7.652	1.15	50.7440	9.4	...	1.057	+48.429	-4	...	...
*	14.421	-9.113	1.15	51.7381	9.4	*	6.647	-37.144	1.20	51.7397	9.4	...	1.166	-36.843	-5	...	...
*	14.388	-16.753	0.95	51.7380	10.0	...	6.575	+12.421	0.75	50.7441	10.4	...	1.508	-27.548	-3	...	...
31I	-14.283	-22.509	-5	...	...	37I	-6.551	+56.905	-5	M	...	43I	+1.517	-36.847	0.95	51.7413	10.0
...	14.282	-48.150	1.00	51.7379	10.2	...	6.458	-7.390	-4	51.7398	10.6	†	1.584	+45.260	-5	m	...
...	14.163	+44.386	-5	...	...	...	6.375	-34.830	-4	...	...	...	1.665	-4.039	-4	...	...
...	14.078	-34.396	0.95	51.7382	10.1	...	6.117	+26.064	-5	M	...	...	1.856	-16.039	-4	51.7414	10.6
...	13.972	+26.294	-5	M	...	...	5.987	-7.345	-5	...	...	...	2.065	-4.290	-5	...	...
...	-13.671	-22.568	-4	...	...	...	-5.954	-36.007	-2	51.7399	10.6	...	+2.098	+25.048	-5	m	...
...	13.569	-55.819	-3	51.7383	10.6	...	5.940	+32.273	-4	...	...	*	2.112	+10.725	0.95	50.7460	10.0
...	13.565	-17.377	-5	...	...	...	5.922	+45.738	-1	50.7443	10.6	...	2.206	-32.559	-3	51.7415	10.6
*	13.485	-34.017	1.05	51.7385	9.8	...	5.885	-12.516	-3	...	...	...	2.348	-41.835	-5	...	...
...	13.077	+36.153	-5	...	...	...	5.851	-7.034	-4	...	...	...	2.448	-24.771	0.85	51.7417	10.3
32I	-13.030	+29.934	1.00	50.7429	10.0	38I	-5.795	+38.242	-4	M	...	44I	+2.456	+22.762	-5	m	...
*	13.009	-55.516	-4	51.7386	10.6	...	5.232	+51.113	-3	50.7444	10.6	*	2.496	-31.382	1.05	51.7416	10.0
...	12.835	+45.540	-5	...	...	...	5.230	-9.157	-4	...	...	...	2.516	-32.560	-5	...	...
...	12.833	+28.621	-4	...	...	*	4.807	+2.808	1.00	50.7445	9.8	...	2.552	-35.561	0.90	51.7418	10.1
...	12.821	+58.250	-5	49.7569	10.6	...	4.749	-22.609	-5	...	...	...	2.669	-6.285	-2	51.7420	10.6
...	-12.496	-17.664	-5	...	...	...	-4.583	+47.730	-5	M	...	...	+2.766	-48.052	0.85	51.7419	10.1
...	12.231	-41.949	-4	...	...	...	4.515	+53.383	-2	50.7446	10.6	...	3.460	-15.631	-5	...	...
...	11.888	-40.297	-5	...	...	...	4.260	-14.317	0.70	51.7402	10.3	...	3.538	+16.200	-4	50.7461	10.6
...	11.864	+31.470	-5	...	...	...	4.187	-30.904	0.70	51.7403	10.6	...	3.597	+16.508	-3	50.7462	10.6
...	11.525	+31.835	0.70	50.7431	10.3	...	4.163	-25.307	-4	...	...	...	3.752	-57.399	-5	...	...
33I	-11.443	+7.599	0.70	50.7430	10.3	39I	-4.158	+43.131	-4	...	...	45I	+3.956	-9.426	-5	...	...
...	11.366	+32.505	-5	M	...	...	4.137	+50.550	-4	50.7447	10.6	...	4.099	-45.244	-5	...	...
*	11.252	+58.211	2.10	49.7571	8.6	...	3.967	-59.032	-1	51.7404	10.6	...	4.132	+22.709	-5	m	...
...	10.771	+44.601	-5	...	...	...	3.828	-25.515	-2	51.7405	10.6	†	4.180	+55.194	-2	49.7594	10.2
...	10.726	-13.379	0.80	51.7387	10.6	...	3.518	+50.015	-4	...	...	...	4.196	-7.628	-5	...	...
...	-10.650	+38.832	-5	M	...	...	-3.293	-13.305	-2	51.7406	10.4	...	+4.402	+47.736	-3	50.7463	10.6
...	10.561	-47.192	-3	...	...	...	3.004	-57.386	-5	...	...	*	4.446	-43.940	1.10	51.7421	9.5
...	10.316	-32.756	0.65	51.7388	10.6	...	2.883	+5.712	-5	Mm	...	*	4.535	+15.787	1.15	50.7464	9.0
*	9.759	+28.702	0.90	50.7432	10.2	...	2.695	+51.899	-3	50.7448	10.6	†	4.828	+54.923	-2	49.7595	10.4
...	9.709	+49.294	-3	50.7433	10.6	*	2.660	-25.208	1.00	51.7407	10.0	...	5.057	-58.170	-2	51.7422	10.6
34I	-9.472	+51.158	-5	...	...	40I	-2.527	-1.017	-3	50.7449	10.6	46I	+5.174	-29.377	1.15	51.7423	9.5
...	9.139	+42.248	0.75	50.7434	10.3	...	2.406	+1.769	-5	Mm	...	...	5.289	+26.057	-3	a	...
...	9.005	+31.365	-5	...	...	*	2.140	+21.596	1.00	50.7450	9.8	*	5.322	-31.183	1.35	51.7424	9.0
...	8.922	+10.157	0.75	50.7435	10.1	...	1.977	+55.902	-5	Mm	...	...	5.352	+15.857	0.70	50.7465	10.6
...	8.868	-27.295	0.70	51.7389	10.6	a m	1.918	+0.580	-2	50.7451	10.6	...	5.483	+53.703	-5	m	...
...	-8.761	+12.800	-4	50.7436	10.6	...	-1.824	-30.555	0.80	51.7408	10.6	S *	+5.598	+15.475	1.20	50.7466	9.0
*	8.607	-55.581	1.10	51.7390	10.0	...	1.799	+26.398	0.70	50.7452	10.6	...	5.659	-1.270	-4	...	...
...	8.556	+7.586	-5	M	...	...	1.762	+32.508	-5	m	...	...	5.786	-25.271	-5	...	...
...	8.506	+24.793	-5	M	...	...	1.678	-21.213	0.75	51.7409	10.6	...	5.809	-35.435	-5	...	...
...	8.451	+39.081	-5	...	...	...	1.574	+20.582	-5	m	...	...	6.018	-38.127	-2	51.7425	10.6
35I	-8.328	-12.329	-3	51.7391	10.6	41I	-1.342	-7.462	-5	...	...	47I	+6.085	+3.454	-2	50.7467	10.4
*	8.179	-9.935	0.90	51.7392	10.0	...	1.338	+51.860	-4	50.7453	10.6	...	6.093	-27.893	-5	...	...
...	8.173	-27.015	-5	...	...	...	1.066	-18.034	-3	51.7410	10.6	...	6.268	-19.449	-3	...	...
...	8.156	+59.268	-4	...	...	...	1.054	+28.798	-2	...	...	...	6.430	+12.376	-5	m	...
...	8.106	-20.773	-5	...	...	...	0.964	+8.846	-5	Mm	...	*	6.627	+60.125	1.20	49.7597	8.8
...	-8.068	-14.208	0.85	51.7393	10.2	*	-0.915	-25.014	0.90	51.7411	10.2	...	+6.821	-28.590	0.75	51.7426	10.6
...	7.950	-25.552	0.90	51.7394	10.2	...	0.731	+31.741	-2	50.7454	10.6	...	7.028	-7.180	-2	51.7427	10.6
...	7.833	+25.814	0.70	50.7437	10.4	...	0.592	+44.259	-5	m	...	...	7.079	+29.204	0.90	50.7468	10.2
...	7.658	+17.026	-5	M	...	†	0.152	+44.273	-5	...	...	...	7.175	+35.934	0.70	50.7469	10.4
*	7.618	-0.707	1.00	50.7438	9.8	†	-0.101	+10.018	-5	50.7456	10.6	*	7.341	-33.245	1.00	51.7428	9.4

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.				
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.			
481 540						541-600						601-660								
48I	+	7.393	+12.666	5	m	...	+	15.160	12.348	-3	51.7448	10.6	60I	+	20.247	15.274	5	...	...	
*		7.417	-31.960	1.00	51.7429	9.6	...	15.165	-26.587	0.65	51.7447	10.3	...		20.375	-47.228	-5	...	...	
*		7.582	-48.280	1.00	51.7430	10.0	*	15.493	+39.362	1.00	50.7482	10.0	...		20.457	+39.394	-5	m	...	
...		7.758	-58.350	-2	51.7431	10.6	...	15.511	+44.396	0.90	50.7483	10.1	†		20.520	+55.265	-3	49.7630	10.6	
...		7.929	-48.443	-5	...	...	...	15.598	+23.211	-5	m	...	...		20.675	-56.442	-5	...	...	
SN*	+	7.934	-31.293	2.85	51.7432	8.4	...	+	15.809	+16.005	-3	50.7485	10.4	*	+	20.892	-48.399	1.10	51.7460	9.4
...		8.276	-33.264	-5	...	...	...	15.810	+46.012	0.65	50.7484	10.2	...		20.902	-22.198	-3	...	...	
...		8.477	+46.998	-3	...	...	...	15.853	+16.095	-4	m	...	...		20.920	-42.612	0.70	51.7459	10.2	
...		8.531	-25.967	-5	...	...	...	15.904	-48.428	-4	...	...	...		21.084	-42.615	5	...	...	
...		8.577	+16.643	-4	m	...	...	15.942	-34.168	-2	...	...	...		21.107	+20.176	-3	50.7501	10.6	
49I	+	8.664	+1.439	-4	50.7470	10.6	55I	+	15.946	-51.455	-5	...	...	61I	+	21.113	-21.530	-3	...	...
N b		8.722	-27.642	5	...	...	...	16.005	-51.862	-4	...	...	*		21.196	-17.022	1.10	51.7461	9.6	
...		8.723	-36.105	-2	...	...	...	16.015	+17.235	-4	50.7486	10.6	...		21.232	+52.389	-3	50.7500	10.6	
...		8.726	+16.113	-5	m	...	...	16.049	+38.986	0.70	50.7487	10.4	*		21.256	+4.426	0.95	50.7502	10.1	
...		8.844	-5.344	-4	50.7471	10.6	...	16.239	-40.719	-2	51.7449	10.6	...		21.423	+20.010	-2	50.7503	10.6	
...	+	9.151	+44.532	-5	m	...	...	+	16.269	+37.840	-4	...	...	...	+	21.423	-52.463	-3	51.7462	10.6
...		9.255	+52.057	-5	m	...	...	16.317	+39.486	-5	m	...	...	...	21.525	-56.835	3	51.7463	10.6	
...		9.271	+11.546	0.90	50.7472	10.2	*	16.555	+45.842	1.00	50.7488	9.8	...		21.730	-36.490	-5	...	...	
N*		9.337	+58.350	1.10	49.7602	9.5	...	16.709	+7.631	-4	m	...	...	...	21.749	-33.150	3	51.7464	10.6	
*		9.543	-40.036	0.95	51.7433	10.3	...	16.722	-10.733	0.70	51.7450	10.4	...		21.788	8.730	-5	...	...	
50I	+	9.616	+8.882	-5	m	...	56I	+	16.859	+15.923	-5	m	...	62I	+	21.841	-2.569	0.65	50.7504	10.6
†		9.808	+38.600	0.90	50.7473	10.0	*	17.086	+10.624	1.00	50.7489	10.0	...		22.032	-11.894	-3	...	...	
...		10.056	-33.271	-5	p	...	...	17.129	+1.984	-4	m	...	...		22.216	-57.458	-3	51.7465	10.6	
...		10.097	+10.984	-5	m	...	...	17.203	+42.189	-4	...	...	...		22.227	-50.054	-5	...	...	
...		11.053	+8.880	-4	m	...	...	17.248	+42.841	-4	...	...	...		22.341	+47.525	-3	50.7505	10.4	
...	+	11.089	-31.254	-5	...	...	...	+	17.311	+14.763	5	m	...	...	+	22.486	+53.770	-3	50.7506	10.4
...		11.103	-56.532	0.65	51.7435	10.6	...	17.330	+57.239	-5	m	...	...		22.838	-23.755	-4	...	...	
...		11.130	-11.703	-4	...	...	...	17.355	-38.476	-3	51.7451	10.6	...		23.024	+8.839	0.90	50.7507	10.1	
...		11.222	-0.419	0.70	50.7474	10.4	...	17.380	-55.157	0.65	51.7452	10.6	...		23.042	-44.947	-5	...	...	
*		11.498	-35.678	1.00	51.7437	9.6	...	17.564	-23.644	-3	51.7453	10.6	...		23.167	+2.129	0.75	50.7508	10.4	
51I	+	11.531	-42.972	4	...	...	57I	+	17.647	+51.336	-5	m	...	63I	+	23.230	-53.346	1.00	51.7467	10.0
...		11.667	+39.251	0.85	50.7475	10.2	...	17.960	+53.413	-4	50.7490	10.6	...		23.270	-43.212	0.80	51.7466	10.4	
...		11.978	-22.440	5	...	...	...	18.063	4.000	0.90	50.7491	10.1	...		23.351	+18.476	-5	m	...	
...		12.126	+33.607	5	m	...	...	18.121	-51.081	-4	...	...	*		23.363	-55.231	1.15	51.7468	9.6	
...		12.133	-13.725	4	...	...	...	18.288	-11.088	-1	51.7454	10.6	...		23.660	-50.699	-4	51.7469	10.6	
...	+	12.354	+44.890	5	m	...	...	+	18.396	-56.478	-5	p	...	...	+	23.760	-33.195	-5	...	...
...		12.495	+44.624	-5	m	...	...	18.452	-34.260	-5	p	...	...	...	23.786	+23.644	-3	50.7509	10.6	
...		12.585	-14.843	0.70	51.7438	10.4	†	18.524	-44.565	-3	...	...	...		23.839	+50.975	-5	m	...	
...		12.681	+29.948	5	m	...	...	18.736	+55.068	-5	...	...	*		23.939	-24.043	1.00	51.7472	9.4	
...		12.735	-16.062	4	...	...	*	18.814	+26.116	1.30	50.7492	9.1	...		23.980	-24.897	0.70	51.7471	10.2	
52I	+	12.961	-4.870	3	50.7476	10.6	58I	+	19.066	-21.089	-4	51.7455	10.6	64I	+	24.037	25.953	1.00	51.7470	9.8
...		13.191	+48.172	5	m	...	...	19.129	+37.434	1.25	50.7493	9.5	...	...	24.291	-28.217	-4	...	...	
...		13.355	-58.843	2	51.7440	10.6	*	19.154	+41.279	-5	m	...	...		24.319	32.974	-5	...	...	
...		13.436	-27.407	5	...	...	...	19.165	+3.379	1.20	50.7494	9.4	...		24.371	-43.339	5	...	...	
...		13.529	+53.285	-4	50.7477	10.6	...	19.195	+11.819	-4	m	...	...		24.391	+16.816	0.90	50.7510	10.2	
*	+	13.710	+54.733	-5	m	...	...	+	19.237	-10.920	-5	...	...	...	+	24.428	+0.980	0.85	50.7511	10.2
...		13.743	-20.104	1.20	51.7441	9.5	...	19.303	+6.384	-4	m	...	†		24.811	+6.858	-4	50.7512	10.6	
...		13.807	+39.218	-3	50.7478	10.6	...	19.320	+29.160	0.80	50.7495	10.2	...		24.967	+42.591	-5	m	...	
...		13.897	+23.581	-3	...	...	*	19.325	+22.980	1.00	50.7496	9.8	...		24.993	+12.435	-5	m	...	
...		13.961	-28.063	-3	51.7442	10.6	...	19.360	-38.804	-4	...	...	...		25.002	-34.944	0.75	51.7473	10.6	
53I	+	14.083	+58.108	-4	...	...	59I	+	19.508	+21.247	1.10	50.7497	9.6	65I	+	25.227	+23.184	-3	...	...
...		14.110	18.949	5	...	...	...	19.508	-14.691	-4	51.7456	10.6	...		25.282	+3.187	-5	50.7513	10.6	
...		14.236	+36.590	3	50.7479	10.6	...	19.646	-39.371	0.90	51.7457	10.4	...		25.325	-46.233	-5	...	...	
...		14.305	3.300	2	...	...	†	19.824	+56.875	3	49.7628	10.3	...		25.425	+31.142	-3	50.7514	10.6	
...		14.360	59.214	1	51.7444	10.6	†	19.895	+36.372	3	50.7498	10.6	...		25.498	+32.784	-3	50.7515	10.6	
*	+	14.361	55.086	1.35	51.7443	9.4	...	+	19.896	-24.416	0.70	51.7458	10.6	...	+	25.568	-43.937	-5	...	...
...		14.596	+34.673	2	50.7480	10.6	...	19.912	-37.921	5	...	...	...		25.879	+37.124	-5	m	...	
*		14.653	22.720	1.00	51.7445	10.0	...	19.914	3.374	-5	...	...	...		25.919	39.750	-4	...	...	
...		14.693	+24.749	0.65	50.7481	10.6	...	19.991	+25.381	-4	...	...	...		25.990	24.730	-4	...	...	
...		14.868	15.610	0.85	51.7446	10.0	*	20.228	+46.571	1.05	50.7499	10.0	...		26.253	+49.049	-4	...	...	

486. Mass.

491. 50°76, too faint to measure.

499. Mass. 50°76, two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
661-720						721-780						781-840					
66I	+26.332	+29.645	0.95	50.7516	10.1	72I	+32.041	-14.486	-2	51.7492	10.6	78I	+38.007	+3.093	0.90	50.7542	10.1
*	26.392	+25.176	-3	50.7517	10.4	...	32.245	+18.026	-2	50.7533	10.6	...	38.038	+18.098	-5	m	...
...	26.446	-35.287	1.00	51.7475	9.4	...	32.371	-37.019	-4	...	...	...	38.550	+29.567	-3	...	...
*	26.537	-17.065	-4	...	...	...	32.482	+39.871	-3	50.7534	10.6	...	38.925	+55.747	-4	49.7666	10.5
...	26.559	+24.128	-2	50.7518	10.6	...	32.518	+57.445	-5	m	...	...	38.950	+2.987	-3	50.7543	10.6
...	+26.749	+15.112	0.80	50.7519	10.2	...	+33.013	+16.983	-5	m	...	*	+39.379	-30.733	1.15	51.7508	9.4
*	26.957	+8.029	1.20	50.7521	9.2	...	33.030	+18.137	-4	...	...	...	39.850	+5.140	-5	m	...
...	27.054	-32.175	-5	...	...	*	33.039	+10.632	1.00	50.7535	9.8	...	40.041	-55.834	-4	51.7509	10.6
*	27.073	+47.236	1.00	50.7520	9.6	...	33.328	-30.890	-2	51.7493	10.6	...	40.119	-23.098	-3	...	...
...	27.139	-31.075	-3	...	...	*	33.432	+18.243	1.00	50.7536	10.0	...	40.346	+47.883	-5	m	...
67I	+27.336	-36.618	0.70	51.7476	10.6	73I	+33.863	+7.440	-3	a	...	79I	+40.469	+50.220	-1	50.7544	10.1
...	27.615	-59.355	1.00	51.7477	9.8	...	33.897	+21.836	-5	m	...	...	40.522	+31.054	0.65	50.7546	10.6
*	27.660	-20.117	-5	p	...	...	33.940	-58.762	-5	p	...	*	40.607	-19.062	1.00	51.7510	10.0
...	27.759	+27.466	-5	m	...	...	33.995	+52.481	-3	50.7537	10.6	...	40.712	+51.014	-4	50.7545	10.6
S *	27.762	-49.337	2.55	51.7478	8.2	...	34.141	-5.474	-5	...	...	...	40.910	-2.476	-5	...	...
...	+27.882	-4.145	-5	...	...	...	+34.156	+31.724	-5	m	...	*	+41.031	-21.386	1.00	51.7511	9.4
...	27.910	+24.720	-5	m	...	*	34.275	-11.207	1.00	51.7497	10.0	...	41.265	+45.975	-5	...	...
...	28.249	-38.304	0.90	51.7479	10.4	...	34.311	-8.527	0.80	51.7495	10.2	...	41.483	-32.458	-4	...	...
...	28.383	-43.233	-3	51.7481	10.6	...	34.376	-41.109	0.65	51.7498	10.4	...	41.727	-1.685	0.70	50.7548	10.6
*	28.393	+28.560	0.95	50.7522	10.1	...	34.547	+35.981	-5	m	...	*	41.822	+13.483	1.00	50.7547	9.8
68I	+28.400	-15.570	-5	...	...	74I	+34.640	+39.219	-5	m	...	80I	+41.847	+57.305	-5	m	...
...	28.417	+45.847	-5	m	...	...	34.649	+25.150	0.85	50.7538	10.2	...	41.882	-57.882	-5	...	...
...	28.486	-22.666	-3	...	...	†	34.929	-34.530	-4	51.7499	10.6	...	41.886	+16.139	-3	...	...
...	28.550	+44.912	-5	m	...	...	34.939	+38.013	0.90	50.7539	10.2	...	41.895	-45.190	-4	...	...
...	28.575	+34.552	0.95	50.7523	10.0	S *	34.987	+8.274	1.90	50.7540	8.6	...	42.039	+1.945	-3	50.7549	10.6
...	+28.639	+13.726	-5	m	...	*	+35.031	-35.263	1.00	51.7500	10.3	...	+42.122	-28.531	-5	...	...
*	28.654	-15.499	0.95	51.7480	10.1	...	35.045	+58.416	-5	m	...	...	42.419	-8.753	-3	...	...
...	28.854	-31.115	-5	...	...	...	35.198	-42.099	-5	...	...	...	42.905	-15.540	-4	...	...
...	29.009	+58.987	-5	m	...	...	35.272	+15.002	-4	m	...	...	42.963	+37.514	-5	...	...
...	29.133	+29.150	-4	...	...	...	35.279	-40.154	-4	...	...	...	43.280	+1.509	-5	m	...
69I	+29.327	-56.217	-1	51.7483	10.3	75I	+35.311	+59.376	-4	49.7659	10.6	81I	+43.357	+37.495	0.95	50.7550	10.3
...	29.385	-42.339	0.90	51.7485	10.3	...	35.553	+19.906	-5	m	...	...	43.377	+9.773	-5	m	...
...	29.390	+12.372	-5	m	...	...	35.613	+9.866	-5	m	...	...	43.785	-20.912	0.75	51.7512	10.3
...	29.410	-46.112	0.70	51.7484	10.6	...	35.812	-18.013	-5	...	...	*	43.953	+12.080	1.00	50.7551	9.8
...	29.444	-12.057	0.65	51.7482	10.6	...	35.918	-40.252	-5	...	...	...	43.998	-3.539	-3	...	...
*	+29.468	+16.942	1.00	50.7524	10.0	†	+36.075	-39.490	-4	...	...	*	+44.027	-55.970	2.00	51.7513	8.8
*	29.487	+3.625	1.20	50.7525	9.1	...	36.149	+1.749	-5	m	...	...	44.246	+41.529	-5	m	...
†	29.727	-25.659	0.90	51.7486	10.0	...	36.387	-30.366	-5	...	...	*	44.364	-4.407	1.20	50.7552	9.0
†	29.800	-31.668	-3	51.7487	10.6	*	36.508	+7.685	1.00	50.7541	10.1	...	44.409	-50.999	-1	51.7515	10.3
†	29.834	-52.619	1.00	50.7526	9.8	...	36.532	-28.829	-4	...	...	†	44.731	51.244	-2	51.7516	10.3
70I	+30.261	+29.797	-5	m	...	76I	+36.532	-39.323	0.65	51.7502	10.4	82I	+44.938	-11.051	0.80	51.7514	10.2
...	30.349	-0.295	-3	50.7529	10.6	...	36.534	-34.014	-3	...	...	...	45.128	-29.416	-2	51.7517	10.6
...	30.468	+14.462	-5	m	...	...	36.632	-9.431	-4	...	...	...	45.166	+50.957	-1	50.7553	10.3
...	30.489	+52.966	-2	50.7527	10.6	...	36.641	-23.285	-3	...	...	...	45.220	+24.251	0.80	50.7554	10.6
...	30.552	-52.730	-5	...	...	...	36.741	-15.868	0.70	51.7501	10.4	...	45.632	-28.468	-5	...	...
...	+30.586	-23.278	-5	...	...	...	+36.784	-5.583	-5	...	...	...	+45.685	+7.836	0.85	50.7557	10.4
...	30.681	+45.714	-3	50.7528	10.6	...	36.801	+9.430	-5	m	...	...	45.763	+13.143	-4	50.7556	10.6
...	30.757	-53.203	-5	...	...	...	37.117	-11.375	-5	p	...	*	45.896	+54.481	1.50	49.7680	9.1
...	30.882	-4.719	-5	...	...	...	37.219	+8.869	-4	...	...	...	46.086	+8.154	-2	50.7559	10.6
...	30.905	+48.448	-5	...	...	...	37.240	-32.204	0.90	51.7504	10.2	...	46.113	-2.167	-2	...	...
71I	+31.008	-6.910	1.80	51.7488	8.6	77I	+37.281	+40.546	-5	m	...	83I	+46.199	+27.117	1.00	50.7558	10.0
...	31.130	-58.184	-3	51.7489	10.6	...	37.288	+45.870	-5	m	...	*	46.210	-45.113	1.00	51.7518	9.6
...	31.209	+42.490	-4	50.7530	10.6	...	37.382	-52.304	-5	...	...	S †	46.270	+50.179	1.75	50.7555	8.7
...	31.236	-4.374	-5	...	...	...	37.394	-47.962	0.65	51.7505	10.4	†	46.461	+15.245	-5	...	...
...	31.501	+2.757	0.75	50.7532	10.1	...	37.544	-6.639	-4	...	...	...	46.510	+50.680	-5	...	...
*	+31.616	-22.509	1.00	51.7490	9.6	...	+37.551	-38.619	-4	...	...	...	+46.817	+17.384	0.65	50.7560	10.4
*	31.659	+38.544	1.05	50.7531	9.6	...	37.687	-53.949	-5	...	...	...	46.869	-11.111	0.65	51.7519	10.3
*	31.825	-43.372	1.00	51.7491	10.0	*	37.760	-47.350	1.00	51.7506	10.1	...	46.875	+20.887	-5	m	...
...	31.876	-5.759	-5	...	...	...	37.810	-27.466	-3	...	...	...	47.057	-31.194	-5	...	...
...	31.903	+3.090	-4	m	...	...	37.941	-37.191	-5	...	...	...	47.172	+29.950	-2	50.7561	10.6

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
841-870						871-900						901-915					
84I	+47°235	+5°790	-5	<i>m</i>	...	87I	+51°665	-32°838	-1	51.7531	10.6	90I	+56°678	-50°813	-5	<i>m</i>	...
...	47°371	-3°931	1.00	50.7562	9.8	...	51°769	-27°084	-5	...	...	...	57°366	-23°192	-4	51.7539	10.6
*	47°416	-8°140	1.00	51.7521	9.6	...	52°164	-42°695	-5	...	...	...	57°963	-26°628	-4	...	...
...	47°525	+43°583	-5	...	...	...	52°504	+32°676	-5	<i>m</i>	...	...	58°207	+2°965	0.70	50.7577	10.6
...	47°719	+1°747	0.80	50.7563	10.2	...	52°648	+41°035	-5	...	...	...	58°285	-43°646	1.00	51.7541	10.0
*	+47°875	+8°774	1.00	50.7565	9.8	<i>e</i> *	+52°817	-48°467	1.15	51.7534	9.4	...	+58°304	+3°825	-5	<i>m</i>	...
...	47°957	+6°869	-1	50.7564	10.2	...	52°860	-34°136	-5	...	...	...	58°338	+17°660	-5	<i>m</i>	...
...	48°097	-41°045	-1	51.7522	10.4	<i>e</i>	52°889	-35°732	0.65	51.7532	10.4	<i>e</i> *	58°517	-53°080	0.95	51.7543	10.0
...	48°358	+7°614	-5	<i>m</i>	...	...	52°998	-46°999	-5	...	...	...	58°558	+30°989	0.65	50.7576	10.2
...	48°633	-14°707	0.65	51.7523	10.4	<i>e</i>	53°199	-16°394	-1	51.7533	10.6	...	58°816	-50°064	-5	<i>p</i>	...
85I	+48°673	+15°845	-2	...	...	88I	+53°205	-5°126	0.95	50.7571	10.2	91I	+58°995	-48°199	0.90	51.7544	10.1
...	48°697	-12°606	-3	51.7524	10.6	<i>e</i>	53°775	-38°999	3.95	51.7536	6.8	<i>e</i>	59°099	-0°609	-2	50.7578	10.4
...	48°705	-37°500	-1	51.7525	10.6	<i>Se</i> *	53°800	+2°795	-4	<i>m</i>	...	...	59°200	+1°164	1.30	50.7579	9.1
*	48°710	+53°449	1.00	50.7566	9.8	...	53°925	-47°351	-5	51.7537	10.6	*	59°225	-7°397	1.25	51.7542	9.2
...	49°039	+8°564	-3	...	...	<i>e</i> *	54°076	-21°651	1.15	51.7535	9.6	<i>e</i> *	59°561	-42°843	-5	51.7545	10.6
...	+49°468	-34°418	-1	51.7526	10.6	...	+54°312	-30°969	-4	...	...	...	...	...	...	...	...
...	49°902	-4°124	-4	...	...	...	54°326	-8°845	-5	...	...	...	...	...	...	...	...
...	49°908	+31°617	-4	...	...	...	54°376	+5°014	-4	...	...	...	...	...	...	...	...
†	49°946	+15°370	1.05	50.7567	9.6	<i>e</i>	54°459	-45°677	0.75	51.7538	10.1	...	...	...	...	...	...
...	50°102	-12°163	-4	51.7527	10.6	†	54°733	+0°017	-5	...	...	...	...	...	...	...	...
86I	+50°327	+15°008	-4	50.7568	10.6	89I	+54°975	+9°060	-5	<i>m</i>	...	...	...	...	...	...	...
...	50°874	-45°449	1.40	51.7529	9.2	...	54°999	+23°632	1.40	50.7572	8.8	...	...	...	...	...	...
*	50°965	-23°510	-5	<i>p</i>	...	*	55°126	+15°493	-3	50.7573	10.6	...	...	...	...	...	...
...	51°290	+59°878	-3	49.7689	10.2	...	55°288	-9°647	-5	...	...	...	...	...	...	...	...
...	51°338	+7°986	-5	<i>m</i>	...	<i>e</i> †	55°588	-4°661	1.20	50.7575	9.0	...	...	...	...	...	...
...	+51°377	+48°026	1.00	50.7569	9.8	...	+55°648	+26°217	-5	...	...	...	...	...	...	...	...
*	51°435	+22°361	1.25	50.7570	9.1	...	55°893	+46°645	0.90	50.7574	9.8	...	...	...	...	...	...
...	51°441	-25°929	-5	...	...	...	55°950	+4°148	-5	<i>m</i>	...	...	...	...	...	...	...
...	51°557	+1°337	-5	<i>m</i>	...	...	56°115	-21°395	-4	<i>e</i>	...	...	...	...	...	...	...
...	51°625	-12°315	-2	51.7530	10.6	...	56°502	+15°145	-4	...	...	...	...	...	...	...	...

1-20						21-40						41-60					
I	-59°899	-5°264	0.65	50.7571	10.2	2I	-54°157	+1°275	1.00	50.7579	9.1	4I	-50°547	-8°933	1.00	51.7552	9.6
E	59°438	-16°526	-5	51.7533	10.6	...	54°070	+51°300	-1	50.7583	9.6	R †	50°391	-34°604	-5	51.7551	10.6
...	59°314	+46°584	-1	50.7574	9.8	...	53°781	+45°546	1.05	50.7584	9.1	...	50°322	+49°812	-1	50.7592	9.6
...	59°270	+23°547	1.10	50.7572	8.8	E *	53°776	-7°278	1.05	51.7542	9.2	...	50°105	+15°443	-2	50.7590	10.3
R	59°130	+4°910	-5	...	...	...	53°675	+17°786	0.85	50.7581	10.0	...	50°095	+14°092	1.20	50.7589	8.8
E	-58°959	-35°872	-5	51.7532	10.4	R	-53°432	+22°123	-5	...	...	R	-50°016	+3°766	-5	...	...
...	58°831	+15°417	-5	50.7573	10.6	E	53°252	-43°556	-1	51.7541	10.0	...	49°426	-5°887	1.00	50.7591	9.4
E	58°510	-48°598	1.00	51.7534	9.4	F	53°210	-0°175	0.65	50.7582	10.4	...	49°152	-25°854	-3	51.7555	10.4
E	58°344	-21°751	1.00	51.7535	9.6	...	52°925	+12°280	-5	50.7585	10.6	...	49°106	-40°030	1.10	51.7554	9.5
SE *	57°931	-39°103	3.40	51.7536	6.8	E	52°621	-52°979	-1	51.7543	10.0	R	48°937	-58°462	-5	51.7553	10.6
II	-57°522	-4°697	1.00	50.7575	9.0	3I	-52°405	-18°638	-2	51.7546	10.4	5I	-48°911	+9°055	-5	50.7594	10.6
E †	57°445	-47°437	-5	51.7537	10.6	...	52°347	-48°082	-2	51.7544	10.1	...	48°569	-8°309	-4	...	...
NRE	56°993	-45°744	-3	51.7538	10.1	E	52°097	-4°971	-4	50.7586	10.6	R	48°318	+15°697	-3	50.7595	10.6
E	56°327	-21°408	-5	<i>E</i>	...	RE	51°986	-42°708	-5	51.7545	10.6	...	48°285	-53°401	-1	51.7556	10.0
...	56°002	+31°035	-2	50.7576	10.2	...	51°953	+23°795	-2	50.7588	10.3	...	48°127	-7°800	1.50	51.7557	8.6
...	-55°232	+3°017	-5	50.7577	10.6	...	-51°652	-9°247	0.75	51.7548	10.2	R	-47°821	+13°097	-5	...	...
RE	54°999	-23°161	-5	51.7539	10.6	...	51°582	-13°626	1.00	51.7547	9.0	...	47°380	+54°575	-5	49.7723	10.3
R	54°455	+58°226	-4	49.7707	10.3	S *	51°543	+5°358	1.00	50.7587	9.1	...	47°215	+32°905	0.75	50.7596	10.2
...	54°251	+34°930	-4	50.7580	10.4	...	51°225	-7°660	0.85	51.7550	9.8	...	47°193	-33°442	-3	51.7558	10.4
E	54°180	-0°508	-3	50.7578	10.4	R	50°717	-38°826	-5	51.7549	10.6	R	46°944	-51°635	-5	51.7559	10.6

§ 10.7 = D, -5.

L measured from 1, 99, 205, 328, 473, 601.

C " " 44, 156, 263, 403, 530, 663.

Stars marked R in column 1 were measured by M.C. in course of the revision.

C.P.D. 50°.7593 not on plate.

12. Extremely faint.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.
61-120					
6I	-46.915	+36.871	-5	50.7597	10.6
...	46.839	+42.752	-5	50.7598	10.6
R	46.206	+48.443	-4	50.7600	10.6
...	46.164	-40.802	0.95	51.7560	10.0
...	46.076	+23.232	-5	...	...
*	-45.882	-36.301	1.20	51.7561	9.4
R	45.853	+57.771	-5	...	...
...	45.623	+57.912	-1	49.7724	9.6
...	45.605	+1.754	-2	50.7599	10.6
R	45.468	-50.890	-5	51.7562	10.6
7I	-45.394	+16.691	-2	50.7601	10.2
R†	45.232	+27.900	-5	50.7603	10.6
R	45.097	+20.389	-5	...	...
...	44.953	-10.720	-4	51.7564	10.6
...	44.906	+28.459	-3	50.7604	10.6
R	-44.728	-55.816	-5	51.7563	10.6
R†	44.727	+0.250	-5	50.7602	10.6
...	44.720	+20.648	-2	50.7605	10.4
...	44.393	-26.619	1.00	51.7565	9.8
R	44.336	+41.006	-5	50.7607	10.6
8I	-44.331	-22.978	0.95	51.7566	9.8
...	44.202	+21.594	0.85	50.7606	10.0
...	44.119	-19.362	0.95	51.7567	9.8
...	43.235	-55.488	-3	51.7568	10.3
*	42.946	+5.911	1.00	50.7608	9.4
...	-42.756	-24.538	0.70	51.7571	10.2
R	42.747	+37.039	-4	...	...
...	42.613	-48.581	-4	51.7570	10.6
†	42.236	+15.194	-5	A	...
†	42.029	+10.175	0.90	50.7609	10.0
9I	-41.702	-17.104	-5	51.7573	10.6
...	41.684	-17.172	-5	...	...
...	41.656	+36.890	0.75	50.7610	10.2
...	41.349	+19.157	0.70	50.7611	10.3
S*	40.942	+41.403	1.85	50.7612	8.2
...	-40.798	-38.103	-2	51.7574	10.3
R	40.501	-57.548	-5	51.7576	10.6
...	40.428	-59.160	-3	51.7575	10.0
†	40.183	+12.365	1.30	50.7613	8.6
R	40.050	-49.115	-5	51.7577	10.6
10I	-39.908	+56.172	-5	49.7738	10.4
...	39.883	+27.619	0.70	50.7614	10.4
...	39.839	-25.414	0.85	51.7579	10.1
...	39.800	+6.353	-5	...	...
...	39.742	+28.142	0.70	50.7615	10.0
...	-39.485	-50.571	0.90	51.7578	10.1
R	39.369	+20.464	-4	...	...
...	39.176	-0.396	0.85	50.7616	10.0
R	39.130	+51.588	-5	...	...
...	38.957	+13.485	0.70	50.7617	10.2
11I	-38.928	-16.467	-4	...	...
...	38.699	+14.372	0.80	50.7618	10.0
...	38.563	-19.173	0.85	51.7581	10.0
...	38.536	-57.616	-1	51.7580	10.0
R	38.389	+16.487	-5	50.7619	10.6
...	-38.357	-17.655	0.70	51.7582	10.3
R	38.106	+6.137	-4	...	...
...	38.002	+34.131	-3	50.7622	10.6
...	37.934	-13.300	-2	51.7583	10.6
...	37.854	+27.256	0.95	50.7621	9.6
121-180					
12I	-37.652	+7.948	1.00	50.7620	9.2
*	37.585	+31.202	2.00	50.7623	8.2
...	36.689	-17.263	0.75	51.7586	10.2
...	36.637	-22.199	0.70	51.7587	10.2
...	36.587	+12.296	-4	50.7624	10.6
...	-36.550	+28.222	-2	50.7625	10.4
R	36.276	+8.390	-5	...	...
R	35.777	-3.158	-5	...	...
...	35.641	+13.218	-2	50.7626	10.4
...	34.233	+17.660	0.70	50.7627	10.2
13I	-34.069	-42.612	-5	...	...
...	34.059	-30.773	-4	51.7588	10.6
...	33.968	+12.600	0.70	50.7628	10.6
...	33.647	+8.264	0.75	50.7629	10.2
...	33.399	-53.315	-5	51.7589	10.6
...	-33.378	+6.739	1.00	50.7630	9.6
...	33.257	+31.789	0.70	50.7631	10.3
...	33.248	+15.354	-5	...	...
...	33.119	-40.093	-5	...	...
...	33.067	+53.826	-2	50.7633	10.6
14I	-32.982	-31.391	1.00	51.7590	9.8
*	32.678	+1.931	1.00	50.7632	9.1
...	32.659	-43.454	0.70	51.7591	10.2
...	32.563	+33.896	-5	...	...
...	32.341	-18.971	0.70	51.7593	10.3
...	-31.993	+43.424	-5	...	...
R	31.923	-59.496	-4	51.7592	10.6
...	31.916	+8.551	0.95	50.7634	9.6
...	31.831	-0.354	0.80	50.7635	10.0
...	31.469	+6.688	-4	50.7636	10.6
15I	-30.769	-41.204	-4	51.7595	10.6
...	30.761	-9.008	0.75	51.7596	10.2
R	30.751	+18.466	-5	...	...
*	30.512	+20.040	1.00	50.7637	9.4
...	30.432	+32.289	-2	50.7638	10.3
R†	-30.299	-44.470	-5	...	...
*	29.877	+32.511	2.00	50.7639	8.2
...	29.415	+11.060	-5	...	...
...	29.359	-51.016	1.00	51.7597	9.8
R	28.958	+27.194	-5	...	...
16I	-28.609	+34.236	-3	...	...
...	28.420	-10.428	-5	51.7602	10.6
*	28.180	-47.260	1.15	51.7601	9.1
...	28.142	-50.655	-4	51.7600	10.4
...	27.963	-10.047	0.80	51.7603	10.0
...	-27.678	+37.698	-3	50.7640	10.3
†	27.502	-39.656	0.80	51.7604	10.0
...	27.269	-41.244	0.65	51.7605	10.0
...	27.141	+6.373	-4	...	...
...	27.029	+13.235	-4	...	...
17I	-26.867	+44.779	-3	50.7641	10.6
...	26.452	-25.531	-4	...	...
...	26.301	+42.004	0.85	50.7643	9.8
*	26.215	+39.195	1.05	50.7642	9.0
*	25.646	-47.063	1.30	51.7608	8.8
S†	-25.290	-38.440	2.00	51.7609	8.0
*	25.202	-22.599	1.20	51.7610	9.0
*	25.138	-25.353	1.05	51.7611	9.2
...	24.843	+22.700	0.90	50.7644	9.8
R	24.652	-5.543	-5	...	...
181-240					
18I	-24.462	+26.094	-4	...	...
...	24.426	-43.906	0.70	51.7612	10.1
R	24.350	+34.779	-5	...	...
*	24.316	+38.164	1.15	50.7645	9.2
...	24.033	-56.033	0.95	51.7613	10.0
R	-23.987	-1.392	-4	...	...
...	23.920	-51.955	-4	51.7614	10.4
R	23.870	+19.788	-5	...	...
R	23.694	+6.917	-4	...	...
...	23.618	+34.915	-5	...	...
19I	-23.185	+22.342	-5	50.7647	10.4
†	23.130	+10.176	-2	50.7646	10.1
...	22.694	-8.575	0.70	51.7616	10.0
...	22.550	+43.334	-3	50.7648	10.4
*	22.170	-6.204	1.00	51.7618	9.6
...	-22.081	-34.182	-3	51.7617	10.6
...	22.018	-20.612	-5	...	...
...	21.901	+31.157	-5	...	...
...	21.786	+6.136	-2	50.7649	10.3
...	21.559	-30.821	-5	...	...
20I	-21.322	-26.293	-4	51.7619	10.6
R	20.946	-24.852	-5	...	...
...	20.863	+18.245	1.00	50.7650	9.6
*	20.779	+52.781	1.30	50.7651	8.8
†	20.218	+7.173	0.90	50.7652	9.6
*	-19.980	+28.853	1.00	50.7653	9.4
...	19.836	-41.217	0.80	51.7620	10.3
...	19.641	-0.776	0.75	50.7654	10.3
...	19.574	+26.169	-4	50.7655	10.4
*	19.529	+29.098	1.20	50.7657	9.1
21I	-19.420	-34.321	1.00	51.7621	9.1
...	19.188	+4.272	0.85	50.7656	9.6
...	19.087	+39.277	-5	...	...
...	18.916	+38.457	0.85	50.7659	10.0
...	18.814	-31.246	-3	51.7622	10.6
...	-18.805	+22.519	0.80	50.7658	10.0
...	18.526	-16.160	-5	...	...
...	18.106	-11.268	0.85	51.7623	10.0
...	17.678	+52.338	-4	50.7661	10.6
...	17.609	-44.744	0.95	51.7624	9.8
22I	-17.598	+40.282	0.80	50.7661	9.8
*	17.535	+51.041	1.00	50.7662	9.2
...	17.259	-45.325	0.85	51.7625	10.0
...	17.258	+47.600	-5	...	...
*	16.730	-49.479	1.10	51.7626	9.1
...	-16.161	-34.570	0.80	51.7627	9.8
...	16.064	-2.588	0.85	50.7663	9.6
R	16.058	+45.887	-4	...	...
...	15.470	-48.279	-5	...	...
R	15.364	+33.498	-5	...	...
23I	-15.018	+40.756	-4	50.7665	10.6
...	14.975	-48.586	-5	...	...
*	14.729	+6.081	1.10	50.7664	9.0
...	14.727	+59.972	0.90	49.7777	9.6
...	14.675	+46.665	-5	50.7667	10.6
S*	-14.491	+19.000	2.15	50.7666	8.0
...	14.167	+36.175	-4	50.7668	10.6
...	13.925	+22.104	-3	50.7669	10.6
...	13.792	+31.419	0.85	50.7671	9.8
*	13.760	+20.090	1.20	50.7670	8.8

M

§10.7 = D, -5.

C.P.D. 51°.7584, too faint to measure.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
241-300						301-360						361-420					
24I	-13.555	-21.693	-3	51.7629	10.6	30I	-4.125	-48.120	0.80	51.7655	10.0	36I	+3.771	-55.021	0.95	51.7682	10.0
...	13.359	+38.051	0.95	50.7672	9.6	...	3.777	-15.667	-4	51.7656	10.2	...	3.974	-33.844	0.75	51.7683	10.2
R	13.180	+24.413	-5	...	...	...	3.737	+2.503	0.65	50.7696	10.3	...	3.987	+11.399	-4	50.7715	10.6
...	13.099	+45.202	-5	...	...	R	3.585	-31.198	-5	...	...	...	4.016	+26.820	0.75	50.7716	10.1
R	12.963	+32.331	-4	50.7673	10.6	*	3.569	-39.086	2.70	51.7657	8.0	...	4.320	-56.849	0.80	51.7684	10.2
...	-12.951	+17.834	0.90	50.7674	9.6	...	-3.209	-10.008	0.90	51.7658	9.8	R	+4.552	+39.130	-5	...	...
...	12.678	+21.915	-3	50.7675	10.6	...	2.908	+8.101	0.90	50.7697	9.8	†	4.559	-32.379	-4	51.7685	10.6
R	12.625	-15.151	-5	...	...	...	2.850	+15.622	0.90	50.7698	9.6	R	4.805	-8.938	-5	51.7686	10.6
...	12.607	-31.188	0.80	51.7630	10.2	...	2.650	-56.671	-3	51.7659	10.6	...	4.972	-37.438	0.90	51.7688	10.0
*	12.369	-25.319	1.00	51.7631	9.6	R	2.597	+15.858	-5	50.7699	10.6	R	5.204	-46.345	-5	...	...
25I	-12.130	+27.367	-5	50.7676	10.6	31I	-2.411	+22.447	-5	Am	...	37I	+5.461	+53.698	-3	50.7717	10.6
...	11.851	+1.426	-4	50.7677	10.6	...	2.382	+9.406	0.85	50.7700	9.8	...	5.573	-4.848	-3	50.7718	10.4
R	11.694	-56.436	-3	51.7632	10.6	...	2.292	+37.051	-2	50.7701	10.2	...	5.608	-8.495	-2	51.7689	10.6
...	11.654	-46.777	-5	...	...	R	2.144	-55.019	-5	...	...	S*	5.901	-43.460	1.70	51.7690	8.2
...	11.637	+23.240	-3	50.7678	10.6	*	2.019	-35.665	1.60	51.7660	8.4	...	5.916	-45.610	0.95	51.7691	9.6
...	-11.589	-50.237	0.85	51.7633	10.2	...	-1.827	+15.083	-5	Am	...	...	+6.038	+11.252	1.00	50.7719	9.6
...	11.357	-46.786	0.80	51.7634	10.3	S*	1.557	-17.972	1.30	51.7662	8.8	...	6.080	-4.075	0.80	50.7720	10.2
...	11.152	+51.224	-2	50.7679	10.2	...	1.417	+5.402	1.00	50.7702	9.6	R	6.097	+37.979	-5	50.7721	10.6
*	10.639	-52.947	1.25	51.7635	9.2	...	1.332	+58.314	-3	49.7816	10.3	...	6.113	-17.112	-2	51.7693	10.4
...	10.597	-48.232	-2	51.7636	10.2	...	1.126	-7.317	-4	51.7663	10.6	...	6.188	-59.142	0.65	51.7694	10.2
26I	-10.595	-51.084	-5	...	...	32I	-0.944	+7.668	-5	50.7703	10.6	38I	+6.561	+2.212	-3	50.7722	10.6
R	10.385	-12.156	-4	51.7637	10.6	...	0.918	+28.210	-2	50.7704	10.3	*	6.669	-39.282	1.35	51.7695	8.6
†	10.155	-51.345	1.05	51.7638	9.6	...	0.821	+55.986	1.10	49.7817	9.4	...	6.787	-47.092	-2	51.7696	10.3
...	9.588	-5.199	0.90	50.7680	9.6	S*	0.766	+38.544	1.05	50.7705	9.0	...	6.834	-41.071	0.70	51.7697	10.6
*	9.510	-43.556	2.90	51.7639	8.0	...	0.664	-17.165	0.85	51.7664	10.0	*	6.957	+42.598	1.05	50.7723	8.8
...	-9.301	-50.057	-2	51.7640	10.6	...	-0.513	-15.139	-2	51.7665	10.3	...	+6.992	+54.640	-4	49.7844	10.6
...	8.874	-32.795	-3	51.7641	10.6	...	0.501	+55.252	-4	49.7818	10.6	R	7.018	+23.391	-5	...	...
...	8.704	-31.608	-3	51.7642	10.6	...	-0.291	-41.277	-2	51.7666	10.2	...	7.035	-22.044	-2	51.7698	10.4
*	8.406	-43.127	5.60	51.7643	4.9	...	+0.031	-31.702	0.80	51.7667	10.0	...	7.153	+39.868	-5	...	...
...	7.856	+28.169	-3	50.7683	10.4	...	0.214	-2.595	-5	50.7706	10.3	R	7.433	+13.264	-5	...	...
27I	-7.810	+30.152	0.70	50.7682	10.0	33I	+0.256	-7.806	-3	51.7668	10.6	39I	+7.604	-38.284	-5	...	...
†	7.758	-35.050	0.70	51.7645	10.1	...	0.546	-34.240	-4	...	...	R	7.703	-6.300	-4	...	...
...	7.740	-3.418	0.70	50.7681	10.1	...	0.648	+46.447	-4	50.7707	10.6	...	7.878	-44.310	0.75	51.7699	10.3
...	7.506	-51.759	-4	51.7646	10.6	...	0.782	-40.256	-2	51.7669	10.3	...	7.918	+37.726	0.80	50.7724	10.0
...	7.490	-18.939	-3	51.7647	10.6	R	0.872	+59.552	-5	49.7823	10.6	R	7.965	+22.812	-3	50.7725	10.6
...	-7.265	+24.139	0.70	50.7684	10.2	...	+1.072	-27.816	-5	51.7671	10.6	...	+8.521	-25.636	-2	51.7701	10.4
...	7.241	-41.265	-3	...	...	...	1.086	-46.425	0.70	51.7670	10.4	...	8.549	-41.478	0.85	51.7700	10.0
R	7.223	+19.286	-5	50.7686	10.6	...	1.240	-13.767	1.00	51.7673	9.8	R	8.600	+35.062	-5	...	...
...	7.202	+3.739	-5	50.7685	10.6	*	1.262	-30.563	1.00	51.7672	9.4	...	8.721	-44.040	0.85	51.7702	10.1
*	7.086	+57.206	1.20	49.7796	9.0	...	1.369	+27.721	-3	50.7708	10.2	...	9.347	-30.925	-4	51.7703	10.6
28I	-6.737	+24.667	-5	...	...	34I	+1.636	+56.044	-3	49.7825	10.2	40I	+9.402	-42.379	-2	...	...
R	6.592	+41.793	-4	50.7687	10.6	...	1.864	-57.653	-4	51.7674	10.6	...	9.476	+7.760	0.95	50.7726	9.5
...	6.322	-27.651	-4	...	...	R	1.995	-50.035	-4	...	...	...	9.691	-35.413	-5	...	...
...	6.169	-38.379	-3	51.7648	10.6	†	2.023	+55.131	-2	49.7826	10.3	...	9.807	+49.070	0.95	50.7727	9.8
*	6.163	+7.268	1.40	50.7688	8.4	*	2.335	-57.162	1.25	51.7676	9.1	...	10.612	-5.442	-2	50.7728	10.3
R	-5.733	-55.662	-3	51.7649	10.6	R	+2.560	+31.892	-5	50.7710	10.6	...	+10.648	-26.762	0.90	51.7705	9.8
...	5.591	-50.226	0.65	51.7650	10.2	...	2.741	+34.055	-5	50.7711	10.6	...	10.697	-55.734	-1	51.7706	10.4
...	5.520	+9.900	0.85	50.7689	9.8	R	2.751	-20.146	-5	...	...	*	10.772	+4.173	1.20	50.7730	9.1
†	5.459	-12.122	1.50	51.7652	8.6	...	2.783	-0.638	-5	50.7709	10.6	...	10.824	+22.032	0.70	50.7729	10.0
†	5.362	+40.648	-2	50.7691	10.3	*	2.877	-8.430	1.00	51.7677	9.4	...	10.856	+2.928	-2	50.7731	10.1
29I	-5.336	+28.719	4	50.7690	10.6	35I	+2.976	+20.361	0.70	50.7712	10.4	41I	+10.888	-16.941	1.05	51.7707	9.8
†	5.312	-48.386	0.80	51.7651	10.0	...	2.979	+58.551	1.00	49.7829	9.1	*	11.210	-27.964	-1	51.7708	10.4
...	5.289	-49.894	-3	51.7653	10.3	...	3.079	-55.848	0.95	51.7678	10.0	...	11.319	+52.545	-4	...	...
R	5.174	+16.346	-5	...	...	...	3.080	+57.772	-5	49.7830	10.6	R	11.409	-13.749	-4	51.7709	10.6
...	4.958	+28.084	-5	50.7692	10.6	...	3.231	-31.287	-5	51.7679	10.6	R	11.761	-41.338	-5	...	...
R	-4.763	+12.217	-5	50.7693	10.6	...	+3.324	-54.822	0.95	51.7680	10.0	R	+11.887	+41.321	-5	...	...
...	4.731	+14.010	0.85	50.7694	10.0	...	3.421	+32.139	-2	50.7713	10.4	...	11.965	+30.300	0.70	50.7732	10.2
R	4.725	+45.759	-4	50.7695	10.6	R	3.606	+15.089	-4	...	...	...	11.999	-47.348	-3	51.7710	10.4
R	4.670	-30.456	5	...	...	R	3.665	+25.604	-5	...	...	...	12.199	-14.805	-3	51.7712	10.4
...	4.375	-23.652	-2	51.7654	10.3	...	3.722	+34.240	-3	50.7714	10.6	R	12.292	-25.769	-5	...	...

M
§ 10.7 = D, - 5.

Co-ordinates.						Diam.	C.P.D.			Co-ordinates.						Diam.	C.P.D.									
Notes.	l.		b.		s		No.	Mag.	Notes.	l.		b.		s		No.	Mag.	Notes.	l.		b.		s		No.	Mag.
421-480																										
421	+12°313	-59°576	0.85	51.7713	10.0				481	+21°228	+24°931	-5	...	...				541	+30°788	+58°095	0.65	49.7900	10.0			
R	12°559	-58°925	-5	...	...				...	21°536	+19°698	-5	...	...				...	30°814	-6°847	0.85	51.7762	10.1			
...	12°797	-7°431	0.80	51.7714	10.1				R	21°789	-28°380	-4	...	...				*	31°016	-31°824	1.60	51.7763	8.6			
...	13°014	-10°937	-4	51.7715	10.6				...	22°086	-7°392	1.00	51.7739	9.1				†	31°302	+5°162	0.90	50.7771	9.6			
...	13°190	+54°185	-5	...	...				R	22°121	-39°229	-4	...	...				*	31°636	-32°976	1.05	51.7764	9.5			
...	+13°204	+30°488	-2	50.7733	10.2				*	+22°238	-22°735	1.05	51.7740	9.1				*	+31°708	+47°835	1.20	50.7772	9.1			
...	14°190	+22°433	-3	51.7717	10.6				R	22°762	-56°740	-5	...	...				...	31°725	-2°359	-2	50.7773	10.4			
...	14°255	+22°096	-4	50.7734	10.6				...	22°809	-5°021	-1	50.7755	10.2				...	31°986	-16°074	-4	51.7765	10.6			
*	14°320	-38°095	1.20	51.7718	9.4				...	22°830	-23°144	-3	51.7741	10.4				...	32°316	-50°844	0.85	51.7766	10.0			
...	14°348	-0°308	0.70	50.7735	10.1				R	22°996	-47°334	-5	...	...				...	32°767	+39°789	-5	...	...			
431	+14°402	+2°409	-2	50.7736	10.3				491	+23°546	-58°621	-5	51.7742	10.6				551	+32°843	+30°505	-4	...	...			
...	14°562	+55°448	0.85	49.7861	9.6				R	23°897	-42°875	-2	51.7744	10.6				...	32°963	-32°608	1.15	51.7767	9.0			
†	14°639	-37°721	1.20	51.7719	9.0				...	23°911	+32°654	-3	50.7756	10.6				...	33°354	+16°448	-5	50.7774	10.2			
†	14°939	-5°716	-4	...	...				*	23°935	-11°774	1.20	51.7743	8.8				...	33°553	-15°510	-3	51.7768	10.6			
...	15°023	-27°037	0.90	51.7720	10.0				...	23°966	+17°256	0.70	50.7757	10.4				...	33°614	-1°284	0.80	50.7775	10.0			
*	+15°385	-57°795	1.25	51.7721	9.2				...	+24°052	-44°251	0.75	51.7745	10.4				...	+33°852	+4°735	-1	50.7776	10.4			
...	15°522	+45°397	0.70	50.7737	10.4				...	24°174	-42°879	-2	51.7746	10.6				R	33°954	-22°358	-4	...	...			
R	15°666	+58°321	-5	...	...				...	24°201	+39°075	-4	50.7758	10.4				R	34°137	-56°195	-4	51.7770	10.6			
...	15°667	-24°780	-4	51.7722	10.6				†	24°651	+55°766	-2	49.7885	10.2				...	34°251	+0°615	0.70	50.7777	10.0			
R	15°937	-19°114	-5	...	...				R	24°709	-2°691	-5	...	...				*	34°432	-27°056	1.15	51.7769	9.4			
441	+15°981	+10°397	-3	50.7738	10.6				501	+24°752	+53°179	1.00	50.7759	9.4				561	+34°490	-33°580	-4	...	...			
...	16°030	-11°273	-3	51.7723	10.6				*	24°890	-17°750	-2	51.7747	10.6				R	34°536	-3°582	0.70	50.7779	10.1			
...	16°079	-43°372	0.85	51.7725	10.2				...	25°224	+5°959	-5	50.7760	10.4				†	34°540	-0°088	0.65	50.7778	10.2			
...	16°089	-48°949	-5	51.7724	10.6				R	25°276	+25°043	-5	...	...				S	34°812	+19°159	1.25	50.7780	8.8			
*	16°178	+1°168	1.20	50.7739	9.1				...	25°503	-21°345	-5	...	...				...	35°081	+22°285	0.70	50.7781	10.3			
...	+16°355	-35°557	-3	51.7726	10.6				*	+25°573	-21°835	1.20	51.7748	9.1				R	+35°082	-36°061	-5	51.7771	10.6			
*	16°532	-31°750	1.20	51.7727	9.2				†	25°825	-19°760	1.00	51.7749	9.4				...	35°151	-21°930	-5	...	...			
...	16°705	+37°909	0.80	50.7740	10.1				...	26°228	-32°298	0.90	51.7750	9.6				...	35°297	+15°729	-2	50.7782	10.4			
...	16°908	+9°615	-3	50.7741	10.6				...	26°264	-32°128	-4	...	...				...	35°356	+1°413	-2	50.7783	10.6			
...	16°951	+58°660	-4	49.7869	10.6				R	26°309	-44°763	-4	...	...				...	35°415	-9°375	0.90	51.7772	9.8			
451	+16°975	+42°765	-4	...	...				511	+26°571	+22°403	-3	50.7761	10.4				571	+35°636	-34°819	-3	51.7773	10.6			
...	17°036	-44°647	-4	51.7728	10.6				...	26°697	-55°059	-5	...	...				...	35°774	+39°404	0.70	50.7784	10.6			
*	17°248	-5°988	1.00	51.7729	9.4				R	26°905	+23°200	-5	...	...				R	35°931	-22°145	-5	...	...			
...	17°321	+54°196	-3	50.7742	10.4				R	27°232	+14°064	-5	...	...				...	36°015	+30°596	0.80	50.7785	10.2			
†	17°424	+20°212	0.75	50.7743	10.0				...	27°969	-9°404	-2	51.7751	10.6				†	36°041	-24°692	-5	...	...			
...	+17°512	-52°033	-4	...	...				...	+28°121	+16°509	0.70	50.7762	10.2				...	+36°712	+52°325	-2	50.7786	10.2			
...	17°621	-56°180	0.70	51.7730	10.6				a	28°131	+0°058	0.90	50.7763	9.6				R	36°719	+2°677	-4	...	...			
...	17°683	+15°630	0.70	50.7744	10.2				...	28°451	-13°063	-5	...	...				...	36°721	-0°724	0.95	50.7788	9.8			
...	17°747	-39°591	-3	51.7731	10.6				...	28°486	+41°334	-3	50.7764	10.6				...	37°027	+27°885	-3	50.7787	10.6			
*	17°811	+59°767	1.10	49.7873	9.6				...	28°576	+20°914	-4	50.7765	10.6				R	37°125	-38°753	-4	51.7776	10.6			
461	+18°192	+12°512	-3	50.7745	10.3				521	+28°714	-15°555	-2	51.7752	8.6				581	+37°213	-55°576	-1	51.7777	10.3			
...	18°540	-23°530	-2	51.7733	10.6				n	28°727	-51°507	-3	51.7753	10.6				...	37°559	+56°664	1.00	49.7910	9.8			
...	18°586	-28°837	0.80	51.7732	10.1				n	28°844	-15°682	1.20	51.7752	8.6				R	37°630	-24°454	-5	...	...			
R	18°601	+14°587	-5	50.7746	10.6				...	29°066	+2°809	0.80	50.7767	10.1				...	37°701	-40°360	-2	51.7778	10.6			
...	18°832	+37°721	0.65	50.7747	10.2				...	29°173	+27°898	-2	50.7766	10.4				R	37°953	-12°326	-5	...	...			
...	+18°990	+18°604	0.75	50.7748	9.8				R	+29°210	-30°344	-4	...	...				*	+37°989	+51°278	1.20	50.7789	9.1			
R	19°007	-1°339	-5	50.7749	10.6				...	29°314	+46°121	0.85	50.7768	10.0				...	38°008	-42°301	-4	...	...			
*	19°101	+25°078	1.20	50.7750	9.0				...	29°325	-23°462	0.70	51.7754	10.3				R	38°085	+17°756	-5	...	...			
*	19°199	+35°935	1.00	50.7751	9.6				...	29°347	-29°346	0.85	51.7755	10.0				...	38°153	-31°472	1.00	51.7779	9.5			
...	19°403	-25°389	-4	51.7734	10.6				R	29°614	-50°761	-4	51.7757	10.6				...	38°288	+4°821	0.70	50.7790	10.3			
471	+19°460	-31°575	0.70	51.7735	10.2				531	+29°729	-8°182	-5	...	...				591	+38°355	+31°366	-5	...	...			
...	19°529	-57°294	-5	51.7736	10.6				...	29°822	-25°004	0.70	51.7756	10.1				...	38°362	-0°172	1.05	50.7791	9.4			
R	19°845	-57°743	-4	51.7737	10.6				R	29°843	+41°751	-5	...	...				R	38°799	+21°325	-5	...	...			
...	19°883	-0°950	0.70	50.7753	10.2				*	29°885	-22°541	1.10	51.7758	9.4				...	38°902	-36°988	-4	...	...			
...	19°983	+35°963	0.75	50.7752	10.1				...	29°967	+31°637	0.70	50.7769	10.4				†	38°904	-9°815	1.00	51.7781	9.6			
*	+20°134	+59°711	1.00	49.7880	9.4				R	+30°254	-34°144	-4	...	...				...	+38°944	-43°594	0.95	51.7784	10.1			
...	20°501	+38°427	-3	50.7754	10.6				...	30°324	-36°399															

§ 10.7 = D, - 5.

521, 523. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
601-660						661-720						721					
60I						66I						72I					
†	+39°552	+45°230	0.70	50.7792	10.0	R	+49°300	-0°388	-5	...	...	e	+59°24I	-54°199	-5	51.7839	10.6
...	40°262	-13°274	-4	...	...	R	49°368	-0°962	-3	50.78II	10.6						
...	40°385	-45°532	-2	51.7785	10.4	R	49°58I	-16°805	-5	...	...						
R	40°576	+15°546	-5	...	...	R	49°598	+0°838	-5	...	...						
...	40°668	-45°088	-5	51.7786	10.6	†	49°837	+25°084	2.00	50.78I2	8.2						
...	+40°799	-42°626	-1	51.7787	10.4	†	+49°883	-29°767	0.90	51.78I4	9.8						
N*	40°829	+42°925	1.05	50.7794	9.1	...	50°427	-35°674	-2	51.78I6	10.4						
*	41°272	-39°978	1.10	51.7788	9.4	...	50°498	-16°218	0.75	51.78I5	10.4						
...	42°126	+34°332	-5	...	...	...	50°575	+34°25I	0.95	50.78I3	9.8						
...	42°372	-34°552	0.90	51.7790	10.0	...	50°865	+5°90I	0.70	50.78I4	10.4						
6II						67I											
...	+42°482	+6°283	-2	50.7795	10.2	...	+51°088	-28°528	-3	51.78I7	10.6						
...	42°668	+18°134	-5	...	...	...	51°792	+10°540	-4	...	...						
*	42°752	-55°403	1.70	51.779I	8.4	*	52°04I	-26°513	1.80	51.78I8	8.4						
...	42°940	+1°653	0.70	50.7796	10.4	...	52°054	+11°894	-2	50.78I5	10.4						
...	43°350	+17°245	-2	50.7797	10.6	...	52°158	-23°852	0.85	51.78I9	10.0						
R	+43°365	-41°866	-5	...	...	...	+52°16I	+16°358	-4	50.78I6	10.6						
R	43°38I	-9°374	-4	...	...	e*	52°733	-15°380	1.00	51.7820	9.6						
NR	43°425	-16°810	-5	51.7793	10.6	...	52°755	+37°336	-4	50.78I7	10.6						
...	43°513	-6°394	-5	51.7792	10.6	†	52°878	+25°114	0.70	50.7820	10.2						
R	44°010	-30°198	-5	...	...	*	52°923	+43°352	1.20	50.78I8	9.1						
62I						68I											
*	+44°127	-4°585	1.00	50.7799	9.5	R	+53°120	+51°899	-5	50.78I9	10.6						
R	44°327	+53°542	-5	50.7798	10.6	e†	53°316	-24°69I	0.80	51.7822	10.0						
...	44°686	+55°87I	-5	49.7928	10.4	...	53°352	+57°552	0.65	49.7946	10.3						
R	44°887	-58°289	-5	51.7797	10.6	*	53°458	+24°010	1.00	50.782I	9.6						
...	45°183	-12°36I	-4	51.7795	10.6	e	53°545	-10°805	0.95	51.7823	9.8						
R	+45°262	-33°438	-5	51.7798	10.6	Re	+53°617	-48°064	-5	51.7824	10.6						
R	45°335	-24°069	-5	51.7796	10.6	...	53°696	+14°226	0.70	50.7822	10.2						
...	45°350	+13°616	-3	50.7800	10.3	Re	53°915	-57°755	-5	51.7825	10.4						
R	45°530	+12°092	-5	...	...	...	54°193	+5°102	-3	50.7823	10.6						
R	45°593	-49°090	-5	51.780I	10.6	Re	54°349	-48°960	-5	51.7826	10.4						
63I						69I											
...	+45°622	-1°746	-3	...	...	...	+54°393	+19°732	-5	...	...						
...	45°642	-15°428	0.90	51.7799	10.0	...	54°585	+23°689	-5	...	...						
n	45°756	+5°548	0.90	50.7803	10.0	e*	54°804	-42°593	1.30	51.7827	9.1						
...	45°862	+21°992	0.70	50.7802	10.2	e	55°307	-57°775	0.75	51.7829	9.8						
n	45°937	+5°569	0.70	50.7803	10.0	R	55°386	+29°19I	-5	...	...						
...	+45°939	+38°79I	0.65	50.780I	10.2	Se*	+55°618	-25°667	1.25	51.7828	8.8						
R	46°426	-1°268	-5	...	...	...	55°706	+21°209	-3	50.7824	10.4						
...	46°473	-22°662	-3	51.7802	10.6	R	55°839	+56°352	-5	49.7953	10.6						
...	46°588	-3°548	0.80	50.7805	10.1	e	55°96I	-48°986	-3	51.783I	10.2						
...	46°626	-43°993	-1	51.7804	10.0	R	56°025	-11°497	-5	e	...						
64I						70I											
...	+46°748	+36°220	-5	50.7804	10.6	...	+56°339	+22°113	-4	50.7825	10.6						
R	47°052	-53°367	-4	51.7805	10.6	e	56°66I	-5°145	-2	50.7826	10.6						
...	47°130	+25°606	0.85	50.7806	10.0	Re	56°753	-51°133	-5	51.7833	10.6						
*	47°369	+15°875	1.00	50.7807	9.4	R	56°757	-27°096	-5	e	...						
...	47°405	-49°956	-1	51.7807	10.0	e*	56°938	-18°525	1.05	51.7832	9.6						
†	+47°510	-24°778	-4	51.7806	10.6	e	+57°148	-3°206	-2	50.7827	10.6						
...	47°600	-54°080	-2	51.7810	10.1	R	57°203	-46°617	-5	e	...						
R	47°810	-3°147	0.75	50.7808	10.4	e	57°520	-0°999	-3	50.7828	10.6						
...	47°874	-9°620	-2	51.7808	10.6	e	57°598	-10°54I	0.70	51.7834	10.4						
...	48°200	+57°20I	-1	49.7932	10.0	e	57°805	-33°249	0.85	51.7835	10.1						
65I						71I											
...	+48°237	-37°803	-5	...	...	R	+57°987	-3°357	-4	e	...						
...	48°623	-14°118	-5	...	...	e*	58°09I	-50°984	1.35	51.7836	9.2						
...	48°677	-0°519	-2	50.7809	10.6	R	58°296	-12°549	-5	e	...						
...	48°92I	-55°81I	-5	51.7813	10.2	e	58°604	-37°718	-3	51.7838	10.6						
*	48°944	-45°805	2.00	51.7812	8.0	e	58°606	-6°005	-3	50.7832	10.6						
R	+49°047	-4°94I	-5	...	...	...	+58°656	+15°08I	0.85	50.7829	10.0						
...	49°140	+1°964	-3	...	...	...	58°836	+14°780	0.80	50.783I	10.1						
R	49°142	+6°043	-5	...	...	...	58°893	+25°537	0.70	50.7830	10.1						
R	49°247	+4°162	-5	...	...	e*	58°923	-24°227	1.90	51.7837	8.4						
...	49°272	+32°73I	1.00	50.7810	10.0	...	58°929	-23°183	-5	e	...						

§ 10.7 = D, -5.

607. Mass. 50°77, two stars.

618. Flaw on first image; second image measured and corrected.

633, 635. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I						6I						12I					
E *	-59° 938	-15° 528	1° 05	51.7820	9.6	...	-51° 036	-13° 003	-5	...	...	...	-42° 851	+7° 330	0.75	50.7854	10.4
...	59° 798	+56° 252	-5	49.7953	10.6	...	50° 858	-4° 931	0.75	50.7838	10.4	...	42° 739	-11° 814	-3	...	...
...	59° 730	+19° 625	-4	...	...	...	50° 413	-25° 601	-5	...	...	*	42° 490	-49° 558	1° 05	51.7858	9.8
...	59° 701	+23° 570	-5	...	...	...	49° 990	-20° 148	-2	51.7843	10.6	...	42° 400	-29° 296	-4	...	...
...	59° 326	+4° 996	-3	50.7823	10.6	*	49° 915	-7° 775	2.20	51.7844	8.2	*	42° 232	-16° 994	1° 00	51.7859	10.1
E *	-59° 319	-10° 919	1° 00	51.7823	9.8	...	-49° 786	+13° 720	-5	M	...	...	-42° 175	+0° 874	-4	B	...
...	59° 036	-29° 497	-5	...	...	...	49° 724	-13° 152	-3	51.7845	10.6	...	42° 153	+23° 203	-5	50.7856	10.6
E	58° 979	-24° 798	1° 00	51.7822	10.0	*	49° 571	-45° 909	1° 05	51.7842	10.0	*	42° 033	+22° 978	1° 00	50.7857	10.3
...	58° 617	+12° 020	-5	B	...	...	49° 464	+6° 356	0.65	50.7839	10.6	...	41° 936	+24° 651	0.70	50.7859	10.3
...	58° 460	+21° 140	-3	50.7824	10.4	...	49° 390	-10° 533	-4	...	...	...	41° 918	+4° 766	-5	M	...
II						7I						13I					
...	-57° 937	-0° 609	-5	...	...	...	-49° 239	-37° 157	-4	...	...	...	-41° 887	-38° 848	-4	...	...
...	57° 883	+22° 063	-3	50.7825	10.6	...	49° 174	+19° 451	-2	...	...	...	41° 751	+12° 169	0.90	50.7858	10.0
...	57° 816	-8° 700	-5	...	...	...	49° 111	+19° 444	-3	50.7840	10.2	*	41° 580	-12° 712	1° 00	51.7863	10.0
...	57° 779	+12° 813	-5	M	...	...	49° 103	+27° 861	0.85	50.7843	10.4	*	41° 457	-24° 765	1° 20	51.7862	9.4
NE	57° 721	-48° 160	-5	51.7824	10.6	...	49° 087	+22° 738	-2	50.7841	10.6	*	41° 414	-49° 730	1° 30	51.7860	9.4
...	-57° 662	-24° 061	-5	...	...	*	-48° 935	+20° 714	1° 00	50.7842	9.8	...	-41° 392	-14° 361	-5	...	...
E	57° 060	-57° 823	-5	51.7825	10.4	...	48° 802	-21° 586	-2	51.7846	10.6	*	41° 347	-33° 711	1° 20	51.7861	9.4
E	56° 957	-49° 018	-5	51.7826	10.4	*	48° 757	+15° 436	1° 00	50.7844	10.0	*	41° 236	+0° 588	1° 00	50.7860	10.1
...	56° 842	+12° 657	-5	...	...	...	48° 743	-28° 847	-5	...	...	*	40° 502	-8° 465	1° 00	51.7865	10.0
...	56° 823	-11° 521	-5	E	...	...	48° 718	+33° 325	-5	...	...	...	40° 423	+27° 877	0.80	50.7861	10.4
2I						8I						14I					
E *	-56° 760	-42° 633	1° 40	51.7827	9.1	...	-48° 563	+27° 653	-5	M	...	...	-40° 240	-57° 948	-5	p	...
SE *	56° 648	-25° 694	1° 50	51.7828	8.8	...	47° 874	-37° 429	0.80	51.7848	10.4	...	40° 214	+26° 785	-5	...	...
...	56° 606	+17° 826	-4	...	...	*	47° 819	-14° 719	1° 05	51.7850	9.8	...	40° 205	-13° 768	-5	...	...
...	56° 474	-15° 920	-5	...	...	*	47° 759	-32° 144	1° 15	51.7849	9.8	...	40° 050	-26° 617	2° 00	51.7866	8.6
E †	56° 439	-5° 134	-3	50.7826	10.6	*	47° 561	-56° 114	1° 10	51.7847	10.0	...	40° 015	-47° 273	1° 35	51.7864	9.1
E	-56° 040	-3° 186	-2	50.7827	10.6	...	-47° 190	-51° 939	-5	...	...	...	-39° 997	-18° 192	-4	...	...
E	55° 754	-0° 966	-3	50.7828	10.6	...	47° 186	+12° 111	0° 90	50.7845	10.1	...	39° 858	-25° 915	-2	51.7869	10.6
E	55° 637	-57° 782	0° 95	51.7829	9.8	...	47° 127	+28° 866	0° 90	50.7847	10.1	...	39° 834	-31° 312	0° 75	51.7868	10.6
E *	55° 620	-18° 496	1° 15	51.7832	9.6	...	47° 043	+30° 106	-5	...	...	...	39° 774	-12° 148	0° 80	51.7870	10.6
...	55° 465	+25° 596	0° 95	50.7830	10.1	...	46° 960	-7° 516	-5	...	...	...	39° 600	-6° 987	-2	51.7871	10.6
3I						9I						15I					
...	-55° 448	-27° 070	-3	E	...	*	-46° 873	+5° 545	1° 10	50.7846	9.6	...	-39° 590	-0° 602	-5	...	...
E	55° 354	-48° 973	-1	51.7831	10.2	...	46° 814	+14° 462	-4	...	...	*	39° 240	+5° 146	1° 10	50.7862	9.0
E	55° 296	-10° 495	0° 95	51.7834	10.4	...	46° 418	-13° 438	-4	...	...	...	39° 094	-20° 388	-5	...	...
*	55° 267	+15° 143	1° 00	50.7829	10.0	*	46° 238	+27° 457	1° 00	50.7850	10.0	...	38° 685	-20° 349	-5	...	...
...	55° 193	-3° 307	-5	E	...	...	46° 228	+31° 479	-5	...	...	...	38° 428	-36° 648	-1	51.7873	10.6
...	-55° 186	-25° 627	-5	p	...	...	-46° 219	-42° 446	-5	...	...	...	-38° 281	+11° 939	0° 80	50.7863	10.4
†	55° 075	+14° 864	0° 75	50.7831	10.1	*	46° 081	-4° 737	0° 95	50.7848	10.2	...	38° 048	-58° 921	-1	51.7872	10.1
...	54° 751	+5° 624	-5	...	...	...	46° 053	+45° 819	-5	A	...	...	37° 986	+57° 842	-1	49.7991	10.0
...	54° 504	-12° 481	-5	E	...	*	45° 929	+7° 281	1° 00	50.7849	10.0	...	37° 983	+22° 712	-5	...	...
S *	54° 489	+24° 415	1° 70	50.7833	8.4	...	45° 578	+10° 245	-2	50.7851	10.6	*	37° 915	+23° 645	1° 00	50.7864	10.0
4I						10I						16I					
E	-54° 472	-5° 920	-2	50.7832	10.6	...	-45° 423	+26° 069	-4	...	...	...	-37° 895	-55° 255	-4	51.7874	10.6
E	54° 472	-51° 069	-5	51.7833	10.6	*	45° 376	-45° 920	1° 70	51.7852	9.0	...	37° 854	-33° 746	-4	...	...
...	54° 202	-46° 558	-5	E	...	...	45° 334	-58° 462	0° 65	51.7851	10.4	...	37° 791	-2° 487	-3	...	...
E *	54° 151	-33° 174	1° 00	51.7835	10.1	...	45° 241	-54° 634	-5	p	...	*	37° 757	-52° 301	1° 05	51.7875	10.0
...	53° 446	-2° 455	0° 95	50.7834	10.0	...	44° 977	+58° 784	-3	49.7982	10.3	...	37° 698	+20° 664	-4	50.7865	10.6
...	-53° 438	-23° 059	-4	E	...	...	-44° 962	-36° 854	-3	51.7853	10.6	...	-37° 402	+32° 013	-5	...	...
E *	53° 392	-24° 105	2° 10	51.7837	8.4	*	44° 880	+15° 179	1° 15	50.7852	9.5	...	37° 390	+43° 883	-4	...	...
E	53° 181	-37° 604	-1	51.7838	10.0	...	44° 736	+43° 633	-4	50.7853	10.6	...	37° 095	+26° 149	-3	...	...
...	53° 174	+26° 097	-1	50.7835	10.0	...	44° 707	+23° 430	-5	M	...	*	36° 923	-8° 235	2° 00	51.7877	8.2
E *	53° 144	-50° 869	1° 35	51.7836	9.2	...	44° 520	+13° 229	-5	...	...	...	36° 787	+16° 271	-4	...	...
5I						11I						17I					
...	-52° 997	-34° 079	-5	...	...	...	-44° 155	-45° 128	-4	...	...	n	-36° 768	-10° 369	0° 70	51.7878	9.2
...	52° 989	+0° 792	-4	...	...	...	44° 064	-9° 063	-4	...	...	...	36° 698	+16° 458	-5	M	...
...	52° 118	+57° 274	-2	49.7973	10.3	...	43° 996	-8° 091	-3	...	...	n *	36° 684	-10° 429	1° 25	51.7878	9.2
...	51° 877	-33° 823	-5	...	...	...	43° 628	-7° 884	0° 70	51.7857	10.6	...	36° 601	-23° 672	-4	...	...
E	51° 876	-54° 037	-4	51.7839	10.6	...	43° 491	-20° 423	0° 75	51.7856	10.6	†	36° 513	+19° 860	-2	50.7866	10.6
...	-51° 770	+26° 589	-3	50.7837	10.6	...	-43° 370	-8° 298	-4	...	...	...	-36° 376	+42° 429	-4	50.7867	10.6
...	51° 673	-15° 209	-5	...	...	...	43° 357	+38° 171	-5	...	...	...	35° 801	+44° 171	-4	50.7868	10.4
...	51° 580	+1° 945	-2	50.7836	10.6	*	43° 075	+26° 746	1° 40	50.7855	9.0	...	35° 756	-47° 232	0° 95	51.7879	10.2
...	51° 551	-17° 873	0° 95	51.7840	10.3	...	43° 033	-52° 812	-2	51.7855	10.6	*	35° 596	-6° 729	0° 90	51.7882	10.0
...	51° 411	-37° 473	-5	...	...	...	42° 953	-32° 840	-3	...	...	...	35° 575	-43° 862	-4	...	...

L measured from 1, 144, 318, 511, 723, 948.

C " " 64, 224, 421, 623, 828, 1045.

15. Partly obscured by fault.

171, 173. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
181						241						301					
...	-35'498	+13'154	-4	...	...	...	-27'915	+1'989	-5	M	...	...	-22'158	-30'244	-4	...	...
*	35'376	-38'189	1'00	51.7881	10'0	...	27'888	+8'045	-4	B	...	*	21'804	-4'037	1'00	50.7908	10'1
*	35'327	-58'639	2'20	51.7880	8'4	...	27'848	-33'078	-5	...	...	...	21'660	-33'903	-5	...	...
†	35'173	+17'504	1'00	50.7869	10'0	...	27'764	-16'568	0'90	51.7898	10'0	...	21'584	-22'579	-5	...	...
...	34'989	-33'259	-5	...	...	...	27'753	+47'056	-5	...	...	...	21'574	-22'899	-3	...	...
...	-34'968	+14'060	-5	M	...	...	-27'582	+49'561	0'90	50.7889	10'1	a	-21'490	+0'157	-2	50.7909	10'6
...	34'903	-21'939	0'85	51.7883	10'2	*	27'557	+6'859	1'10	50.7887	9'6	...	21'480	-37'723	-5	51.7911	10'6
...	34'850	+48'235	-5	B	...	*	27'375	-17'087	1'00	51.7900	10'2	...	21'363	+32'339	0'75	50.7910	10'4
...	34'750	+34'271	-4	...	...	*	27'132	+31'502	1'00	50.7891	10'0	...	21'359	+31'285	0'65	50.7911	10'6
*	34'605	+43'878	1'00	50.7871	10'1	*	27'112	-46'262	1'20	51.7899	9'5	*	21'284	-33'734	1'30	51.7912	9'4
191						251						311					
...	-34'583	+38'613	-5	50.7870	10'6	*	-27'103	-3'790	1'35	50.7888	9'0	...	-21'015	-7'248	-2	51.7916	10'6
...	34'329	-53'928	-5	51.7885	10'6	...	27'039	-21'887	0'90	51.7902	10'4	...	20'961	+45'200	0'70	50.7912	10'4
*	34'261	-55'487	1'30	51.7884	9'6	n	26'927	+30'577	0'90	50.7892	9'6	*	20'820	-56'638	2'10	51.7914	8'2
*	34'241	+27'367	1'45	50.7872	9'2	...	26'915	+31'992	-5	B	...	...	20'729	-37'093	-3	51.7915	10'6
...	34'220	-21'379	-4	...	...	*	26'894	+8'837	0'95	50.7890	10'1	...	20'610	+12'481	-4	B	...
...	-33'505	-5'724	-5	...	...	n	-26'830	+30'685	-3	...	...	*	-20'486	+37'711	1'00	50.7914	10'0
...	33'287	+18'093	0'85	50.7873	10'4	n	26'736	+30'680	1'00	50.7892	9'6	S	20'475	+12'986	2'00	50.7913	8'2
...	33'101	+1'084	-5	M	...	...	26'725	+35'297	-5	...	...	†	20'146	+39'819	-3	50.7915	10'6
...	33'094	+43'774	-5	B	...	...	26'725	-43'616	0'70	51.7901	10'6	...	19'950	-45'901	0'70	51.7918	10'4
...	32'917	+1'764	-5	M	...	...	26'633	-44'423	-4	...	...	S	19'742	-22'691	3'00	51.7919	7'6
201						261						321					
...	-32'491	-40'088	0'80	51.7886	10'3	*	-26'587	+22'396	1'20	50.7893	9'5	...	-19'539	-25'836	0'70	51.7920	10'6
...	32'481	+34'604	-5	...	...	...	26'318	-34'432	0'70	51.7904	10'6	...	19'420	-46'301	-5	...	...
...	32'359	+19'085	-5	M	...	...	26'242	-38'575	-4	...	...	...	19'411	+14'587	-1	50.7916	10'6
...	32'349	+7'452	-4	B	...	...	26'237	+21'590	-4	50.7894	10'6	...	19'271	-9'559	-5	...	...
*	32'300	-31'957	0'90	51.7888	10'0	*	26'029	+48'288	1'45	50.7895	9'1	...	19'053	+44'891	-3	50.7917	10'6
†	-32'256	-5'162	0'80	50.7874	10'1	...	-25'906	+53'115	0'95	50.7896	10'0	...	-18'861	-36'652	0'70	51.7922	10'6
...	32'086	-51'100	1'00	51.7887	10'2	...	25'672	-37'817	-4	...	...	...	18'858	-40'441	-2	51.7921	10'6
...	31'955	-41'785	-3	51.7889	10'6	...	25'345	+22'145	-5	M	...	...	18'400	-37'815	0'70	51.7923	10'4
...	31'742	-28'844	-4	...	...	...	25'342	+36'247	0'75	50.7897	10'4	*	18'250	+6'288	1'00	50.7918	10'0
*	31'721	-42'827	1'00	51.7890	10'2	...	25'317	-35'840	-5	...	...	...	18'197	-53'018	-5	...	...
211						271						331					
*	-31'691	-41'644	-5	...	...	†	-25'143	-54'370	0'70	51.7905	10'2	...	-18'035	+43'329	-1	50.7919	10'6
...	31'646	-2'169	0'85	50.7875	10'2	...	25'026	-4'932	-3	...	...	...	17'790	-14'274	0'75	51.7924	10'3
...	31'595	+29'070	-5	...	...	...	24'919	+39'114	-5	...	...	...	17'713	+29'366	-5	M	...
...	31'569	-39'747	-2	51.7891	10'6	...	24'863	-33'238	-4	...	...	...	17'708	+49'197	0'90	50.7922	10'4
...	31'245	+53'226	-1	50.7877	10'2	...	24'795	+8'865	0'95	50.7898	10'3	...	17'626	+17'781	0'70	50.7920	10'6
...	-31'075	+37'244	1'00	50.7876	10'2	...	-24'638	+25'744	0'90	50.7900	10'1	...	-17'605	-33'758	-1	51.7925	10'4
†	31'006	+49'630	-2	50.7878	10'2	...	24'631	-23'770	-5	...	...	...	17'435	-17'996	-3	...	...
...	30'996	-24'979	0'85	51.7893	10'3	...	24'579	-4'672	-2	50.7899	10'6	...	17'305	-2'136	-2	50.7921	10'6
...	30'822	+15'951	-5	M	...	...	24'498	-35'183	-5	...	...	*	17'270	-26'832	0'90	51.7927	10'0
...	30'713	-6'714	0'70	...	...	...	24'427	-2'711	-4	...	...	...	17'244	-57'553	-1	51.7926	10'4
221						281						341					
*	-30'630	-56'107	1'90	51.7892	8'6	...	-24'274	+4'514	-5	M	...	...	-17'170	-24'920	-5	...	...
...	30'608	+21'703	-5	M	...	*	24'199	-50'273	1'20	51.7906	9'5	...	17'168	+47'672	-2	50.7924	10'6
†	30'163	+1'009	0'90	50.7879	10'1	*	24'023	+48'601	1'05	50.7903	9'6	...	17'151	-37'370	0'80	51.7928	10'4
...	29'989	+41'876	0'65	50.7883	10'2	*	24'006	-36'694	1'50	51.7907	8'7	...	17'014	+18'175	0'70	50.7923	10'6
...	29'892	-5'191	0'85	50.7880	10'1	...	23'917	-10'224	-5	...	...	...	17'006	+23'611	-5	M	...
...	-29'869	+21'091	0'90	50.7881	10'2	...	-23'867	+24'368	0'70	50.7902	10'6	...	-16'905	-20'384	0'95	51.7931	10'0
...	29'776	+45'947	-5	...	...	...	23'714	+59'674	1'80	49.8018	8'6	...	16'820	-46'206	0'90	51.7929	10'2
...	29'636	-39'938	-4	51.7896	10'6	...	23'586	-2'459	1'00	50.7901	9'8	...	16'760	-48'242	-5	...	...
...	29'533	+44'781	1'60	50.7884	8'4	*	23'332	-46'498	1'00	51.7908	10'0	...	16'668	-38'408	-5	...	...
...	29'493	+54'760	1'00	49.8006	10'0	...	23'086	-19'985	-5	...	...	...	16'610	-49'393	-4	51.7932	10'6
231						291						351					
*	-29'466	-59'492	1'50	51.7895	9'2	...	-23'026	+36'739	-3	50.7905	10'6	...	-16'601	-17'140	-5	...	...
*	29'398	-1'493	1'00	50.7882	10'0	...	23'003	-10'667	-4	...	...	...	16'601	-52'732	-2	51.7930	10'6
...	28'608	+15'288	-4	...	...	*	22'905	+2'703	1'00	50.7904	9'8	...	16'579	+25'454	-4	...	...
...	28'603	-29'372	-5	...	...	...	22'806	-22'058	-4	...	...	...	16'557	-15'459	-3	51.7933	10'6
...	28'593	-22'600	-5	p	...	...	22'556	+44'074	0'65	50.7907	10'2	...	16'518	+38'144	-5	M	...
...	-28'577	+33'859	-4	50.7885	10'6	*	-22'532	+0'938	1'10	50.7906	9'6	...	-16'459	-18'432	-5	...	...
...	28'472	+46'121	-4	50.7886	10'6	...	22'410	-17'924	0'80	51.7909	10'3	...	16'318	-1'843	0'85	50.7925	10'3
...	28'218	+44'356	-5	...	...	...	22'388	+25'327	-5	M	...	...	16'290	+9'998	0'80	50.7927	10'3
...	28'216	-40'732	-4	...	...	...	22'308	-14'014	0'95	51.7910	10'1	...	16'233	-52'608	-5	...	...
*	28'087	-50'404	1'20	1.7897	9'5	...	22'241	-5'014	-4	...	...	β	16'219	+0'126	-2	50.7926	10'6

253, 256, 257. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-420						421-480						481-540					
36I	-16'006	+26'852	-5	...	...	42I	-10'084	+23'739	-1	50.7954	10.6	48I	-3'560	+57'053	0.95	49.8063	9.6
*	15'954	+27'441	1.80	50.7928	8.6	*	9'893	-32'653	1.00	51.7955	9.8	...	3'232	-39'747	0.60	51.7975	9.8
...	15'915	-51'437	0.95	51.7934	10.2	*	9'799	-40'799	1.00	51.7954	10.0	...	3'186	+59'038	-1	49.8064	9.9
...	15'879	-15'696	-1	51.7937	10.6	...	9'607	-32'265	0.70	51.7956	10.6	...	3'176	+28'299	-4	B	...
...	15'792	-32'384	-2	51.7936	10.6	...	9'456	+10'986	0.75	50.7955	10.3	*	3'170	+21'792	1.00	50.7972	9.3
...	-15'705	-23'248	0.80	51.7938	10.3	...	-9'406	+16'022	-4	...	...	*	-3'149	+22'396	1.00	50.7973	9.1
...	15'678	+12'823	-5	M	...	*	9'293	-24'872	1.00	51.7957	10.0	*	3'092	+22'482	1.00	51.7973	9.1
...	15'622	-5'670	-2	51.7940	10.6	†	9'249	-30'063	-5	...	...	*	3'054	-34'032	1.40	51.7976	8.8
*	15'603	+19'181	0.95	50.7929	10.1	...	9'181	-14'726	-4	51.7959	10.4	...	2'817	+19'046	-3	...	...
...	15'424	-51'117	-4	51.7939	10.6	...	9'152	-18'638	-5	...	...	...	2'600	-53'126	-4	...	...
37I	-15'224	+23'726	-1	50.7930	10.2	43I	-9'093	-52'287	-4	51.7958	10.6	49I	-2'593	+35'520	-5	M	...
†	15'222	+53'222	-4	50.7934	10.6	...	9'089	+31'060	-3	50.7957	10.6	...	2'521	+1'744	-4	Bm	...
†	15'168	+1'438	-5	M	...	...	9'056	+3'603	0.85	50.7956	10.2	...	2'521	-0'269	0.70	50.7974	9.8
†	15'139	+12'342	-3	B	...	...	8'888	-21'054	-5	...	...	...	2'366	+21'385	-3	...	...
†	15'017	+29'721	-2	50.7933	10.6	†	8'659	+49'702	-4	50.7959	10.6	...	2'294	+3'512	0.95	50.7975	9.8
...	-14'861	-4'109	-2	50.7931	10.6	...	-8'528	+5'773	-3	B	...	...	-1'924	+15'744	0.70	50.7976	10.0
*	14'849	-1'906	1.00	50.7932	10.0	...	8'514	+45'276	-5	50.7960	10.6	...	1'778	-44'702	-2	...	...
...	14'830	+27'309	-2	...	...	...	8'489	-52'826	-5	51.7960	10.6	...	1'556	+2'121	0.80	50.7977	9.9
...	14'739	+33'553	-4	50.7936	10.6	...	8'380	+31'648	-2	50.7961	10.6	*	1'313	-44'344	0.95	51.7977	9.6
...	14'673	+3'033	0.70	50.7935	10.6	*	8'354	-31'028	1.00	51.7961	10.0	S *	0'856	+47'794	1.25	50.7980	9.2
38I	-14'619	+50'452	-2	50.7937	10.4	44I	-8'334	+0'978	-3	50.7958	10.6	50I	-0'831	+12'985	1.60	50.7979	8.5
...	14'534	-57'671	-3	51.7941	10.6	...	8'325	-34'688	-5	...	...	...	0'831	+12'026	0.70	50.7978	10.0
...	14'309	-42'738	-5	...	...	...	8'307	+17'299	-5	M	...	...	0'807	-3'033	-4	...	...
...	14'152	-51'186	-5	51.7943	10.6	...	8'223	+51'557	-5	50.7962	10.6	...	0'742	-56'423	-5	...	...
...	13'954	-55'626	-3	51.7945	10.6	*	8'051	-11'051	1.00	51.7962	9.6	*	0'709	-47'627	1.10	51.7978	9.3
...	-13'788	-32'579	-5	...	...	*	-7'886	-9'039	0.95	51.7963	10.1	N	-0'699	-48'634	-3	...	...
...	13'766	+25'750	-5	M	...	...	7'824	-13'365	-5	...	...	...	0'573	-59'564	0.65	51.7979	10.0
...	13'571	-36'426	0.90	51.7946	10.0	...	7'549	+2'926	-3	50.7963	10.6	...	0'509	-30'582	-5	...	...
...	13'113	+37'421	0.70	50.7938	10.6	...	7'497	-23'571	-4	51.7964	10.6	...	0'387	-51'376	0.90	51.7980	9.6
...	12'897	+42'486	0.65	50.7941	10.3	...	7'491	+38'609	-3	50.7964	10.0	†	-0'268	-36'406	0.90	51.7981	9.6
39I	-12'787	+32'346	0.80	50.7940	10.4	45I	-7'468	+27'931	-4	B	...	51I	+0'010	-53'874	-4	...	...
...	12'742	+14'466	0.70	50.7939	10.4	...	7'465	-36'927	-5	...	...	...	0'011	-33'678	0.75	51.7984	9.9
...	12'568	+9'504	0.75	50.7942	10.3	...	7'291	+36'075	-4	50.7965	10.0	*	0'019	-40'539	1.80	51.7982	8.8
...	12'567	-35'766	-5	...	...	...	7'085	+37'661	-4	50.7966	10.0	...	0'027	-6'647	-1	51.7983	10.0
*	12'544	+52'371	1.05	50.7944	10.0	...	6'886	-24'827	-5	...	...	...	0'294	-23'032	0.80	51.7985	9.8
*	-12'433	-17'432	1.00	51.7947	10.0	...	-6'851	-34'202	-4	...	...	...	+0'527	-29'622	-2	51.7986	10.0
...	12'414	+9'311	0.85	50.7943	10.2	...	6'774	-19'071	-4	51.7966	10.6	*	0'756	+3'261	1.30	50.7981	8.5
...	12'126	+21'957	-3	B	...	*	6'630	-55'353	1.20	51.7965	9.8	*	0'761	+8'786	1.00	50.7982	9.5
*	12'108	+22'000	1.00	50.7945	10.0	*	6'572	+25'352	1.60	50.7967	8.8	...	0'857	+27'309	-5	M	...
...	12'081	+54'839	-5	49.8041	10.0	...	6'038	+18'381	0.85	50.7968	9.9	a m	0'897	+0'596	0.75	50.7983	10.0
40I	-11'882	-44'413	-2	51.7948	10.6	46I	-5'786	+11'012	1.00	50.7969	9.7	52I	+1'039	-46'117	-5	...	...
†	11'829	+44'766	-2	50.7946	10.3	...	5'785	-17'596	-4	...	...	...	1'094	+42'129	0.85	50.7984	9.8
S *	11'731	-47'501	2.55	51.7949	7.6	...	5'662	-50'694	-4	...	...	...	1'131	-21'632	0.80	51.7987	9.8
...	11'678	+35'792	-4	...	...	...	5'619	+19'315	-3	...	...	...	1'161	-16'201	-1	51.7988	9.8
*	11'668	+28'995	1.60	50.7947	8.4	*	5'479	+24'038	1.00	50.7970	9.4	...	1'345	+20'016	0.85	50.7985	9.7
...	-11'588	+14'312	-4	...	...	...	-5'401	+37'656	-4	...	...	...	+1'421	-25'290	-5	p	...
...	11'588	+46'670	-5	...	...	...	5'397	-36'507	0.90	51.7969	9.9	...	1'507	-12'947	-5	...	...
*	11'543	-38'117	1.10	51.7950	9.7	*	5'326	-38'102	2.00	51.7970	8.2	*	1'602	-42'620	0.90	51.7989	9.8
*	11'459	+52'016	1.25	50.7949	9.8	...	5'139	-21'655	-5	...	...	...	1'610	-50'704	0.65	...	...
*	11'418	+3'859	1.50	50.7948	8.7	...	5'110	-16'531	0.85	51.7971	9.8	...	1'758	+58'184	-5	...	...
41I	-11'344	-37'154	-2	51.7951	10.6	47I	-4'997	-24'088	0.85	51.7972	9.6	53I	+2'167	-50'171	-5	...	...
...	11'085	-13'690	-5	...	...	...	4'959	+18'179	-4	B	...	...	2'179	-12'309	0.85	51.7991	9.6
*	10'993	+3'185	1.30	50.7950	9.1	...	4'669	+10'613	0.70	50.7971	9.9	...	2'219	+13'661	-5	M	...
...	10'978	+6'194	0.70	50.7951	10.6	...	4'575	+20'189	-4	B	...	...	2'315	-14'764	-2	...	...
...	10'612	-57'744	-5	...	...	...	4'181	-40'387	-2	51.7973	10.0	...	2'316	-17'321	0.80	51.7992	9.9
...	-10'502	-50'426	-3	51.7952	10.6	...	-4'179	+11'248	-5	M	...	...	+2'368	+36'205	-3	...	...
*	10'465	+42'175	1.15	50.7953	9.6	...	4'114	-17'881	-2	...	...	...	2'398	-29'017	0.95	51.7993	9.6
...	10'384	-23'244	-5	51.7953	10.6	...	4'032	-6'334	-4	...	...	*	2'457	-32'657	1.25	51.7994	8.8
...	10'364	+6'109	0.85	50.7952	10.4	...	3'874	+42'985	-5	M	...	...	2'538	+10'687	-4	M	...
...	10'262	-6'511	-4	...	...	...	3'655	-15'870	-2	51.7974	10.0	...	2'539	-35'431	-2	...	...

506. Massed with third image of 505.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.						
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.					
541-600						601-660						661-720										
54I	+	2°62I	-	6°25I	...	60I	+	8°035	+38°822	-3	...	66I	+	13°329	+40°805	-4	...					
...	...	2°670	+	51°235	...	...	...	8°038	+8°072	-5	...	...	...	13°463	+24°097	-5	...					
...	...	2°726	+	32°526	0.75	50.7988	10.0	...	8°135	-33°387	-2	...	...	13°478	+1°70I	-3	...					
†	...	2°834	+	4°924	-2	50.7986	9.9	...	8°275	+27°785	-3	...	...	13°537	+42°344	-4	...					
...	...	2°877	-	3°715	0.90	50.7987	9.8	...	8°329	+1°679	0.90	50.8002	9.5	...	13°68I	-24°665	-5	...				
*	+	2°920	+	12°876	0.95	50.7989	9.6	...	+	8°349	+5°642	-5	m	...	+	13°790	-34°805	-2	...			
...	...	2°92I	+	30°967	-5	...	*	...	8°393	+33°316	I.90	50.800I	8.2	...	13°798	-54°164	-5	...				
*	...	2°924	+	6°242	I.00	50.7990	9.4	...	8°406	+26°117	0.80	50.8003	10.0	...	13°876	-34°597	-5	...				
...	...	3°150	-	11°150	0.65	...	...	...	8°410	+1°473	-5	m	...	*	13°955	+27°569	I.20	50.8014	9.0			
*	...	3°256	+	0°79I	3.00	50.799I	8.I	...	8°41I	+38°854	-3	...	...	...	13°989	+56°173	-5	...				
55I	...	+	3°316	-47°872	0.85	51.7995	9.9	61I	...	+	8°419	-3°709	-3	...	67I	...	+	14°317	-22°620	0.70	51.8019	10.0
...	...	...	3°328	-59°180	-5	...	...	...	8°513	-39°416	-5	...	...	...	14°346	-37°902	-5	...				
...	...	...	3°43I	-13°586	-4	...	...	...	8°60I	+2°275	0.90	50.8004	9.5	...	14°367	-0°500	-4	...				
...	...	...	3°436	+22°837	0.80	50.7992	10.0	...	8°707	+11°329	-5	...	...	...	14°408	-18°840	-5	...				
...	...	...	3°528	+12°20I	-5	...	...	...	8°783	-36°383	-3	...	...	...	14°416	-27°228	0.90	51.8020	9.8			
...	+	3°557	-	14°327	-5	...	...	+	8°918	-0°733	-3	...	†	...	+	14°717	+34°65I	-5	...			
...	...	...	3°599	+19°665	-3	...	...	...	9°139	+52°342	0.95	50.8005	9.9	...	...	14°909	+53°780	-4	...			
...	...	...	3°854	+12°004	-5	m	...	...	9°30I	-52°116	-3	...	...	...	15°045	+15°650	-5	m	...			
...	...	...	3°95I	-17°262	-5	...	*	...	9°353	-27°335	I.30	51.8006	9.0	...	...	15°087	-36°164	-3	51.802I	10.0		
*	...	...	3°962	-10°762	0.95	51.7997	9.8	...	9°386	+2°495	-4	b	...	...	...	15°295	+10°032	-3	...			
56I	+	4°027	-	19°048	I.00	51.7998	9.4	62I	...	+	9°450	+29°939	-4	...	68I	...	+	15°375	-37°30I	-4	...	
...	...	...	4°040	-8°300	-2	51.7996	10.0	...	...	9°676	-4°056	0.75	50.8006	9.8	S	+	15°523	-34°997	I.90	51.8022	8.2	
...	...	...	4°202	-0°634	-5	...	†	...	...	9°752	-2°436	0.75	50.8007	9.7	*	...	15°553	+34°95I	I.10	50.8015	8.8	
...	...	...	4°202	-39°527	0.80	51.7999	10.0	†	...	9°782	-4°77I	I.35	50.8008	8.8	...	...	15°693	+33°638	0.90	50.8016	9.6	
n	+	4°220	-	20°002	-2	51.8000	10.0	*	...	9°953	-22°069	-3	...	*	...	...	15°703	-55°905	I.15	51.8023	9.4	
n	...	...	4°253	-19°742	-5	...	...	+	10°060	-22°085	0.90	51.8007	9.6	...	...	+	15°789	-29°763	0.85	51.8024	9.8	
...	...	...	4°377	+21°670	0.80	50.7993	9.9	...	...	10°368	-36°236	0.85	51.8008	9.9	...	...	15°829	-1°882	0.90	50.8017	9.7	
...	...	...	4°476	+17°309	-2	50.7994	10.0	...	...	10°450	+18°900	-2	...	...	...	...	15°848	+16°864	-3	...		
...	...	...	4°527	-9°804	-5	...	...	...	...	10°498	+52°369	0.85	50.8009	9.8	...	...	15°909	+15°114	-5	...		
...	...	...	4°566	-12°380	0.80	51.800I	9.8	*	...	10°599	-56°556	I.30	51.8009	9.2	...	...	16°136	+12°652	-3	...		
57I	+	4°827	+26°200	0.70	50.7995	9.9	63I	...	+	10°623	+6°51I	-2	50.8010	10.0	69I	...	+	16°152	-59°288	0.85	51.8026	9.8
...	...	...	5°060	-38°72I	-5	...	†	...	...	10°856	-20°06I	-3	51.8010	10.0	†	...	16°245	-15°016	0.75	51.8025	9.6	
...	...	...	5°224	-52°804	-5	...	*	...	...	10°880	+20°956	I.10	50.801I	9.2	*	...	16°378	+29°217	I.00	50.8018	9.5	
...	...	...	5°306	-14°466	-3	...	...	...	...	11°105	-29°869	I.00	51.801I	9.4	*	...	16°532	-18°278	I.00	51.8027	9.6	
*	...	...	5°529	-11°600	I.05	51.8002	9.0	...	...	11°192	-44°854	-4	...	...	*	...	16°555	-22°464	I.00	51.8028	9.6	
...	+	5°622	+15°903	0.80	...	...	...	+	11°200	+58°615	0.70	49.8086	9.8	*	...	+	16°857	+10°917	I.00	50.8019	9.6	
...	...	...	5°743	+25°096	-4	...	*	...	...	11°287	-53°419	I.25	51.8012	9.2	...	...	16°858	-41°986	0.90	51.8029	9.8	
...	...	...	6°309	+23°662	-5	...	...	...	...	11°304	-22°588	-5	...	...	...	...	16°986	+21°575	-4	...		
...	...	...	6°379	-56°564	-5	...	...	...	...	11°620	+30°752	0.70	50.8012	10.0	...	...	17°023	-17°403	0.90	51.8030	9.6	
...	...	...	6°484	-16°700	0.95	51.8003	9.8	...	...	11°637	+16°208	-5	m	...	*	...	17°064	-20°900	I.50	51.803I	8.6	
58I	+	6°52I	+52°554	-5	...	...	64I	...	+	11°799	-53°692	0.90	51.8013	9.8	70I	*	+	17°287	+39°600	I.00	50.8020	9.5
...	...	...	6°606	-43°635	0.70	...	...	...	...	11°933	-52°658	0.90	51.8014	9.8	...	...	17°474	+36°347	-5	...		
...	...	...	6°635	+30°810	-5	...	...	...	...	11°965	+1°623	-5	m	...	...	...	17°535	-27°512	-4	...		
...	...	...	6°747	-16°176	0.70	...	...	...	...	11°985	+21°840	-4	...	...	...	...	17°828	-43°229	0.80	51.8032	10.0	
...	...	...	7°08I	-18°166	0.85	51.8004	9.9	...	...	12°069	+35°809	-5	...	...	...	...	17°947	-39°177	-4	...		
...	+	7°132	+21°502	-3	...	...	...	+	12°21I	+35°509	-5	d	...	...	...	+	17°969	-41°982	-5	...		
...	...	...	7°162	+27°748	0.90	...	...	...	...	12°269	-53°183	-4	...	...	...	...	18°25I	-48°106	0.85	51.8036	9.8	
*	...	...	7°176	+27°826	I.10	50.7996	8.9	...	...	12°300	+39°473	0.65	...	...	...	...	18°362	+17°296	0.80	50.802I	9.8	
...	...	...	7°182	-48°450	-4	...	...	...	...	12°443	-21°986	-4	...	...	...	...	18°394	-9°023	0.70	51.8035	10.0	
...	...	...	7°333	+30°817	-5	...	...	...	...	12°49I	+31°303	-5	...	...	...	...	18°535	+31°389	-4	...		
59I	+	7°357	-50°544	-4	...	...	65I	...	+	12°523	-57°09I	-4	...	71I	*	+	18°574	-59°226	-3	49.8098	10.0	
...	...	...	7°44I	-14°346	0.80	51.8005	10.0	*	...	12°548	-14°078	I.00	51.8015	9.2	...	...	18°663	-0°003	-4	...		
...	...	...	7°533	-13°932	-2	...	...	...	...	12°590	-56°082	-5	...	*	...	...	18°712	+29°459	I.50	50.8022	8.6	
n	...	...	7°54I	+0°304	I.00	50.7997	9.0	...	...	12°636	+53°789	-5	...	...	...	...	18°939	-58°070	-5	...		
...	...	...	7°724	+34°025	-3	...	...	...	...	12°639	-23°728	0.70	51.8016	10.0	...	...	18°977	-32°375	-5	...		
*	+	7°746	+50°75I	I.60	50.8000	9.0	*	...	+	12°682	-54°346	I.00	51.8017	9.6	...	...	+	19°098	-26°227	-5	...	
...	...	...	7°778	+35°120	-5	...	...	...	...	13°063	-4°235	-5	p	...	...	...	19°23I	+36°01I	-5	...		
...	...	...	7°796	+16°035	0.90	50.7999	9.6	...	...	13°077	-19°088	-5	...	*	...	...	19°255	+25°190	I.50	50.8023	8.5	
...	...	...	7°823	+14°893	0.80	50.7998	9.8	†	...	13°22I	-59°843	I.00	51.8018	9.6	...	...	19°40I	+28°729	0.90	50.8024	9.8	
...	...	...	7°899	+44°519	-3	...	*	...	...	13°318	-3°492	I.00	50.8013	9.4	...	...	19°505	-11°566	0.70	51.8037	9.9	

565, 566. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
721-780						781-840						841-900					
72I	+19°510	-3°289	-3	°	...	78I	+25°231	-28°614	-5	°	...	84I	+30°861	+46°518	-4	50.8050	10·0
...	19°630	-13°545	-4	...	...	...	25°282	-19°591	-3	...	...	...	30°901	+30°405	0·90	50.8052	9·6
†	19°741	-14°361	0·75	51.8038	9·8	*	25°300	-53°977	1·50	51.8055	9·0	...	30°913	-4°747	-4	...	...
†	19°779	-36°934	0·75	51.8039	9·9	...	25°325	-17°380	-5	...	...	...	31°259	+28°891	-5	50.8053	10·0
...	19°801	+58°514	-3	49.8102	10·0	...	25°337	-13°340	-5	...	...	...	31°400	+12°771	-4	...	...
*	+19°833	-15°867	0·95	51.8040	9·6	...	+25°360	-13°476	-5	...	...	...	+31°435	+9°229	-4	...	...
...	19°914	+14°958	-5	...	...	...	25°442	-42°438	-5	...	...	...	31°676	+22°577	-5	...	...
...	20°122	+48°535	-5	...	...	...	25°538	-29°154	0·85	51.8054	9·8	*	31°809	-2°741	0·90	50.8056	9·7
*	20°201	+49°176	1·30	50.8025	8·7	...	25°549	+55°662	-5	...	...	*	31°825	+10°114	1·20	50.8055	9·0
...	20°211	+20°181	0·70	50.8026	10·0	...	25°666	+2°954	0·90	50.8037	9·6	...	31°918	+47°548	-2	50.8054	10·0
73I	+20°261	-26°890	-5	...	...	79I	+26°111	-33°875	-3	...	...	85I	+31°920	+33°778	-4	...	...
...	20°296	-12°108	-2	51.8041	10·0	...	26°149	+4°436	0·75	...	...	...	32°001	+3°203	-5	b	...
...	20°543	+57°410	-5	...	...	*	26°275	+35°943	1·45	50.8038	8·6	...	32°061	+6°391	-4	...	...
...	20°592	-33°710	-5	...	...	*	26°393	-3°588	1·15	50.8039	9·0	...	32°142	+10°304	-3	...	...
...	20°794	-10°414	0·70	51.8042	10·0	...	26°523	-56°883	-5	...	...	*	32°176	+43°505	1·00	50.8057	9·6
...	+20°813	-26°210	-5	...	...	...	+26°696	-37°367	-5	...	...	...	+32°217	-47°096	0·85	51.8070	9·6
...	20°868	-51°164	0·70	51.8043	10·0	...	26°808	+25°951	0·70	50.8040	9·9	*	32°230	+35°454	1·35	50.8058	8·8
...	20°940	+18°774	0·90	50.8027	9·8	...	26°839	-1°139	-5	...	...	...	32°231	+34°135	-5	...	...
...	21°157	-6°626	-5	...	...	...	26°856	-18°603	-5	...	...	...	32°261	+20°971	-5	...	...
...	21°205	-0°453	0·85	50.8028	9·9	...	26°945	+32°835	-5	...	...	*	32°415	+6°789	1·05	50.8059	9·3
74I	+21°213	+21°418	-2	...	...	80I	+26°993	-59°498	1·50	51.8058	9·0	86I	+32°469	-44°681	-5	...	...
...	21°235	-49°189	-2	51.8044	10·0	†	27°069	-9°987	1·10	51.8057	9·0	*	32°529	-16°041	0·95	51.8071	9·6
...	21°253	+8°069	-2	...	...	...	27°115	-43°761	-5	...	...	...	32°753	+27°918	-4	...	...
...	21°297	-2°023	0·70	50.8030	10·0	...	27°241	-2°644	0·90	50.8041	9·7	...	32°758	-32°263	-5	...	...
*	21°364	+13°693	1·05	50.8029	9·2	...	27°249	-49°393	-5	...	...	...	32°905	-8°747	0·65	51.8072	10·0
...	+21°671	-43°724	-5	...	...	...	+27°360	+14°168	-3	...	...	...	+32°915	-6°265	-5	...	...
...	22°038	-27°558	-2	51.8045	10·0	...	27°382	+28°399	-5	...	...	...	33°030	-55°002	-4	...	...
...	22°082	-5°386	-5	...	...	*	27°393	-33°185	1·15	51.8059	9·0	...	33°048	-17°169	-5	...	...
...	22°086	-19°596	-2	...	...	...	27°565	-49°097	-3	...	...	*	33°098	+30°497	1·20	50.8060	9·0
...	22°174	-17°574	-4	...	...	†	27°598	+59°699	-1	49.8116	9·7	...	33°100	-53°037	0·90	51.8074	9·6
75I	+22°177	+16°371	-5	m	...	81I	+27°735	+5°799	-3	50.8042	10·0	87I	+33°129	+28°572	-4	...	...
...	22°351	+21°461	-2	...	...	...	27°811	+10°707	0·85	50.8043	9·9	...	33°236	-16°931	0·85	51.8073	9·8
...	22°351	-30°426	-5	...	...	...	27°833	+27°752	-5	...	...	...	33°257	+38°085	-2	...	...
...	22°433	-46°080	-3	...	...	...	28°171	-9°926	0·80	51.8061	9·8	...	33°406	+5°440	-4	...	...
*	22°492	+48°492	1·20	50.8031	9·2	...	28°185	+14°229	-5	m	...	...	33°423	-43°113	-4	...	...
...	+22°519	+14°414	-2	...	...	*	+28°258	-9°157	1·00	51.8062	9·4	...	+33°592	+38°834	-4	...	...
...	22°528	-12°162	-4	...	...	...	28°460	+21°878	-5	...	...	...	33°595	-57°036	-1	51.8076	9·9
*	22°594	-30°842	0·95	51.8046	9·6	...	28°493	-38°913	0·85	...	...	*	33°601	+26°771	1·40	50.8061	8·6
...	22°666	-58°620	-5	...	...	...	28°535	+14°245	-5	...	...	...	33°753	+0°926	-4	b	...
*	22°718	-34°248	1·00	51.8047	9·2	...	28°549	+44°948	0·80	50.8044	9·8	...	33°774	+50°900	-4	...	...
76I	+22°838	+26°065	0·70	...	...	82I	+28°860	-26°096	1·00	51.8064	9·4	88I	+33°827	-32°481	1·20	51.8075	9·2
...	23°102	+45°095	-4	...	...	*	28°927	-38°663	-2	51.8063	10·0	...	33°848	-47°469	0·85	51.8077	9·6
...	23°161	+55°109	-5	...	...	...	29°122	+24°788	-4	...	...	*	33°916	+46°247	1·15	50.8062	9·2
...	23°176	+56°593	-5	...	...	...	29°163	-18°925	-3	...	...	*	34°036	+11°297	1·60	50.8063	8·4
...	23°265	+10°641	0·85	50.8032	9·7	...	29°386	+10°847	0·85	50.8045	10·0	...	34°115	+25°639	-3	...	...
...	+23°373	-47°168	0·90	51.8050	9·8	...	+29°561	-33°334	-5	...	...	...	+34°115	+12°169	0·75	50.8064	10·0
...	23°466	+22°621	0·90	50.8033	9·8	†	29°621	-15°090	3·80	51.8065	7·4	...	34°118	+23°476	-3	...	...
†	23°501	-15°044	1·80	51.8048	8·6	†	29°747	-14°900	-3	...	...	...	34°362	+23°380	0·85	50.8065	10·0
...	23°591	-24°780	0·95	51.8049	9·2	...	29°877	+15°090	0·70	50.8046	10·0	...	34°477	-27°929	-4	...	...
...	23°809	+4°585	0·70	50.8035	9·9	...	30°139	+6°482	0·90	50.8047	9·8	...	34°541	-26°206	-5	...	...
77I	+23°913	+42°136	1·15	50.8034	9·3	83I	+30°275	-41°348	1·35	51.8066	9·0	89I	+34°814	-16°450	0·85	51.8078	9·9
...	24°068	-18°752	-3	...	...	*	30°360	-3°865	1·00	50.8048	9·4	...	34°836	-33°417	-3	...	...
†	24°236	-10°065	1·00	51.8051	9·0	*	30°400	-2°006	1·00	50.8049	9·4	...	34°839	+22°357	0·80	50.8067	10·0
...	24°242	-29°407	0·65	...	...	...	30°452	+27°217	-5	...	...	...	34°952	-3°233	-5	...	...
...	24°280	+45°800	-4	...	...	...	30°479	-29°275	-5	...	...	*	34°957	-51°963	1·20	51.8079	9·2
*	+24°509	-1°862	0·95	50.8036	9·4	...	+30°594	+2°138	-2	...	...	†	+35°021	+39°757	1·00	50.8066	9·4
...	24°823	-47°423	-5	...	...	...	30°622	-6°921	-2	51.8067	10·0	...	35°055	-56°016	-4	51.8080	10·0
...	25°123	-4°101	-5	...	...	S	30°728	+12°033	1·90	50.8051	8·3	*	35°232	+19°520	1·60	50.8068	8·6
...	25°137	-38°179	-5	...	...	...	30°757	-39°303	-5	...	...	...	35°283	-29°534	-3	...	...
...	25°199	-5°596	-4	...	...	*	30°815	-35°102	0·90	51.8068	9·6	...	35°330	+32°688	0·80	50.8069	10·0

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No	Mag.		α .	γ .		No	Mag.
901-960						961-1020						1021-1080					
90I	+35°367	+3°563	-2	...	...	96I	+40°588	+36°476	2.80	50.8087	8.0	102I	+46°073	+27°122	1.50	50.8114	8.8
...	35°425	+29°945	0.90	50.8070	9.8	...	40°778	-22°686	0.75	51.8093	10.0	...	46°077	-14°306	-5	...	...
...	35°797	-55°193	-5	...	...	...	40°954	-47°911	-5	...	...	...	46°128	+44°596	1.15	50.8113	9.2
...	35°847	-12°230	-4	...	...	...	41°174	+4°368	1.00	50.8092	9.6	...	46°289	-40°599	1.10	51.8105	9.4
*	35°951	+8°481	1.05	50.8071	9.4	...	41°253	+35°112	-5	...	...	...	46°449	-49°088	-2	51.8107	10.0
...	+36°023	+27°975	-2	...	...	...	+41°312	+15°701	1.00	50.8091	9.3	...	+46°519	+17°232	-2	...	...
*	36°112	-29°165	1.25	51.8081	9.0	...	41°520	+4°469	-4	a	...	...	46°907	-23°617	-5	...	...
...	36°265	+29°941	-5	...	...	...	41°605	+5°496	2.00	50.8093	8.5	...	46°993	+31°893	-3	50.8115	10.0
...	36°354	+39°165	0.95	50.8072	9.4	...	41°673	+9°064	0.75	50.8095	9.8	...	47°140	-21°683	-3	...	...
...	36°659	+0°567	-5	m	...	...	41°754	+7°003	1.10	50.8096	9.1	...	47°786	+42°098	-5	...	...
91I	+36°722	-2°258	-5	...	...	97I	+41°848	+26°940	1.00	50.8094	9.6	103I	+47°790	-55°226	-1	51.8108	9.6
*	36°745	-7°998	1.00	51.8083	9.6	...	41°849	-6°607	0.90	51.8094	9.8	*	47°911	+12°836	1.00	50.8116	9.4
...	36°861	-27°044	-5	...	...	...	41°937	+25°036	0.95	50.8097	9.5	...	47°928	-30°941	-4	...	...
...	36°927	+8°950	-4	...	...	...	41°946	+31°814	-5	...	...	...	47°984	-31°149	1.00	51.8109	9.2
...	36°980	+37°290	-3	...	...	...	42°189	-35°963	-2	51.8095	10.0	...	48°365	+1°152	0.90	50.8119	9.6
...	+37°104	-32°939	-2	51.8085	10.0	...	+42°243	+24°141	1.50	50.8098	8.8	*	+48°406	+10°643	2.00	50.8117	8.4
...	37°113	-40°038	-5	...	...	...	42°246	+36°487	-5	...	...	*	48°530	-15°701	1.30	51.8110	9.0
...	37°257	-39°467	-4	...	...	...	42°278	+29°989	-4	a	...	...	48°549	-21°958	-5	...	...
...	37°302	-4°304	-4	...	...	...	42°303	+5°926	-5	...	...	*	48°627	+13°701	2.00	50.8120	8.1
...	37°407	+5°365	-4	...	...	...	42°383	+0°089	-3	...	...	*	48°688	-11°555	2.00	51.8111	8.6
92I	+37°492	-10°459	-5	...	...	98I	+42°456	+2°449	-3	...	...	104I	+48°746	+5°473	0.90	50.8121	9.7
...	37°562	+31°275	0.90	50.8073	9.8	*	42°495	+5°679	1.00	50.8099	9.4	...	48°995	+51°716	-2	50.8118	9.8
*	37°820	+0°743	1.30	50.8076	9.0	*	42°608	-57°701	4.00	51.8099	7.0	...	49°225	+23°069	-5	...	...
*	37°867	+49°150	1.05	50.8074	9.3	...	42°648	-38°281	0.75	51.8096	9.9	...	49°470	+48°066	-5	50.8122	9.9
*	37°875	+4°438	-5	...	...	...	42°790	-2°239	-2	...	...	*	49°693	+32°816	1.20	50.8123	9.1
...	+37°919	+6°718	2.10	50.8077	8.2	...	+42°818	+59°290	-1	49.8143	9.6	...	+49°706	+15°738	-5	...	...
...	37°970	+5°988	-4	...	...	...	42°899	-10°470	0.90	51.8097	9.8	...	49°855	+16°561	0.90	50.8124	9.7
*	37°982	+53°566	1.25	50.8075	9.0	*	42°922	-28°468	0.95	51.8098	9.6	...	49°905	+20°364	-3	...	...
*	38°179	+12°677	1.00	50.8079	9.5	...	42°983	-0°677	0.80	50.8100	10.0	...	50°217	+32°042	-5	...	...
*	38°348	+32°827	1.00	50.8078	9.6	...	43°081	+25°413	-3	...	...	*	50°281	+0°396	1.50	50.8126	8.5
93I	+38°474	-8°883	-4	...	...	99I	+43°404	+7°049	-5	m	...	105I	+50°290	+38°181	-5	...	...
...	38°547	+7°260	-4	...	...	*	43°660	+20°544	1.00	50.8101	9.2	*	50°651	-20°872	1.00	51.8113	9.4
...	38°550	+57°626	-1	49.8134	9.8	...	43°854	+12°238	-5	...	...	...	50°698	+32°522	0.90	50.8125	9.6
...	38°635	-23°653	-4	...	...	...	43°933	-53°205	-2	51.8101	9.9	...	50°883	-8°433	-2	51.8114	10.0
*	38°960	+57°403	1.60	49.8135	9.0	...	44°082	+9°864	-4	...	...	...	50°905	-6°105	0.90	51.8112	9.9
...	+39°018	+58°346	-2	49.8136	10.0	...	+44°263	-38°343	0.85	51.8102	9.6	...	+50°910	-18°969	-5	...	...
*	39°035	-40°939	1.20	51.8086	9.0	*	44°388	-8°965	1.05	51.8100	9.2	...	50°940	+29°062	-4	...	...
...	39°093	+35°332	1.00	50.8080	9.6	*	44°449	+32°817	1.10	50.8103	9.2	...	50°976	-29°741	-5	...	...
...	39°096	-19°335	-2	...	...	...	44°472	+39°398	-4	50.8102	10.0	...	50°989	+31°065	-4	50.8127	10.0
*	39°120	+12°217	0.90	50.8084	9.8	...	44°482	+13°238	-3	...	...	...	51°057	-12°865	-5	...	...
94I	+39°164	+5°236	1.60	50.8083	8.4	100I	+44°580	+28°391	-5	50.8104	9.9	106I	+51°102	-49°717	1.60	51.8116	8.8
*	39°191	+23°419	1.35	50.8081	9.1	†	44°656	+9°316	-5	...	...	*	51°459	-26°011	-5	...	...
...	39°206	-27°915	0.80	51.8087	10.0	*	44°818	+2°600	1.00	50.8107	9.5	*	51°470	-15°805	1.00	51.8115	9.4
...	39°293	-43°793	-5	...	...	...	44°843	+15°468	-3	...	...	...	51°502	+20°348	-5	m	...
†	39°344	+29°807	0.75	50.8085	10.0	...	44°872	+4°031	0.80	50.8108	10.0	...	51°507	-23°740	-5	...	...
...	+39°498	+35°665	-4	...	...	...	+45°108	+27°930	-5	...	...	†	+51°552	+44°879	1.15	50.8128	9.1
†	39°573	+52°954	-4	50.8082	10.0	*	45°295	+10°784	1.15	50.8111	9.1	...	51°659	+4°755	-3	...	...
...	39°775	-2°773	-1	50.8086	7.8	*	45°348	+52°466	1.70	50.8105	9.0	...	51°701	+11°222	-5	...	...
S	39°922	-2°779	2.00	...	...	...	45°372	-17°796	-2	51.8103	9.8	*	51°869	-27°049	1.10	51.8117	9.4
...	39°923	-24°835	-2	...	...	...	45°383	-25°264	0.90	51.8104	9.8	†	51°953	+49°746	-5	50.8129	10.0
95I	+39°936	-22°465	-3	...	...	101I	+45°405	-30°010	-2	...	...	107I	+51°972	+59°744	-1	49.8160	9.4
...	40°011	-17°946	0.65	51.8088	10.0	†	45°412	+53°610	-5	50.8106	10.0	...	52°512	+32°309	-4	...	...
...	40°139	-18°176	0.95	51.8090	10.0	...	45°480	-17°938	-5	...	...	...	52°528	+23°762	0.65	50.8130	10.0
*	40°237	-6°052	2.80	51.8089	7.8	*	45°489	+32°764	1.30	50.8110	9.1	e	52°664	-19°717	1.15	51.8118	9.0
*	40°253	+4°636	2.20	50.8090	8.0	*	45°542	+13°893	1.30	50.8112	8.5	e	53°027	-28°736	1.30	51.8119	9.0
...	+40°333	+15°797	0.70	50.8089	10.0	*	+45°606	+49°066	1.35	50.8109	8.9	e	+53°165	-22°514	0.90	51.8120	9.6
...	40°373	+9°395	-2	...	...	...	45°691	+36°511	-5	...	...	...	53°240	-10°700	-5	e	...
...	40°408	+17°562	0.90	50.8088	9.8	...	45°873	-34°160	-4	...	...	†	53°324	+54°744	-4	49.8165	10.0
S	40°408	-38°750	1.30	51.8092	8.8	...	45°926	+13°660	-4	...	...	...	53°435	-4°222	-5	e	...
...	40°479	-18°776	0.70	51.8091	10.0	...	45°963	+3°016	-5	...	...	...	53°497	+15°712	0.80	50.8131	9.8

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No	Mag.		x.	y.		No	Mag.		x.	y.		No	Mag.
1081-1100						1101-1120						1121-1134					
IO8I						II0I						II2I					
e	+53.542	-11.247	0.80	51.8121	9.8	†	+55.493	+29.910	-5	...	...	...	+57.841	+3.601	-2	50.8143	10.0
e	53.564	-55.717	0.75	51.8123	9.8	e	55.561	-57.824	-5	51.8133	9.9	...	58.118	+4.712	-3	50.8144	10.0
e	53.802	-21.781	0.90	51.8122	9.8	...	55.928	-4.791	-5	e	...	...	58.200	-25.933	-4	e	...
...	53.851	+23.856	0.65	50.8132	10.0	...	55.949	-11.971	-3	e	...	e *	58.201	-35.635	1.05	51.8136	9.6
*	53.886	+21.264	1.00	50.8133	9.6	e *	55.971	-8.274	1.40	51.8131	8.8	...	58.207	+3.601	-5	e	...
...	+54.267	+43.563	-1	50.8134	9.8	...	+56.253	-7.882	-5	e	...	...	+58.635	+5.934	-4	...	...
e *	54.308	-13.749	1.00	51.8124	9.6	...	56.290	-37.548	-5	e	...	e	58.641	-32.589	1.00	51.8137	9.6
...	54.329	+4.047	-3	...	...	e *	56.435	-40.193	1.60	51.8134	8.4	...	58.737	+18.260	-5	...	...
e	54.332	-25.678	-3	51.8125	10.0	...	56.559	+59.140	-4	49.8173	9.7	...	58.823	+11.582	0.90	50.8145	9.8
S *	54.421	+1.242	2.00	50.8135	8.1	...	56.649	+16.652	-5	...	...	...	59.001	+23.625	-4	...	...
IO9I						IIII						II3I					
e *	+54.841	-41.183	1.60	51.8127	8.8	*	+56.685	+49.656	2.00	50.8139	8.5	e *	+59.221	-38.608	1.50	51.8138	8.6
...	54.879	+5.027	-4	...	...	...	56.726	-24.284	-5	e	...	...	59.313	+11.131	-3	...	...
e *	54.987	-21.511	1.00	51.8126	9.4	*	56.727	+8.832	1.00	50.8140	9.4	e *	59.426	-55.529	1.90	51.8139	8.4
...	55.071	+31.277	-2	50.8136	10.0	...	56.786	-2.426	-4	e	...	†	59.526	+14.625	-5	50.8146	10.0
...	55.155	+21.893	-5	...	...	*	57.067	+55.181	1.40	49.8175	9.2						
...	+55.267	+30.124	-3	50.8137	9.9	e	+57.157	-34.352	-4	51.8135	10.0						
e *	55.284	-32.396	1.05	51.8129	9.4	...	57.329	-36.499	-5	e	...						
e	55.299	-57.132	-5	51.8132	10.0	...	57.426	+33.244	-1	50.8141	9.8						
†	55.396	+34.786	0.65	50.8138	9.8	...	57.454	+57.724	1.10	49.8177	9.2						
e	55.413	-32.974	0.85	51.8130	9.6	...	57.684	+47.012	-3	50.8142	9.8						

1-30						31-60						61-90					
I						3I						6I					
E†	-59.850	-19.862	1.10	51.8118	9.0	...	-58.328	-26.644	-5	...	...	...	-55.739	+7.848	-5	°M	...
...	59.697	-4.327	-4	E	...	*	58.206	+57.710	1.70	49.8177	9.2	E	55.706	-57.134	-4	51.8132	10.0
...	59.692	+14.460	-5	M	...	...	58.011	+33.416	-5	...	...	...	55.624	+3.649	0.80	50.8143	10.0
...	59.666	+47.288	-2	...	...	E	57.936	-25.754	-1	51.8125	10.0	...	55.614	-24.265	-5	E	...
...	59.658	-10.832	-3	E	...	...	57.926	+59.535	-5	...	...	...	55.492	-37.539	-3	E	...
...	-59.609	+14.718	-5	M	...	...	-57.923	+48.140	-4	...	...	...	-55.453	-7.818	-5	...	...
...	59.510	+35.817	-5	...	...	...	57.888	-19.660	-5	...	...	E	55.409	-57.820	-3	51.8133	9.9
...	59.500	+31.172	0.95	50.8136	10.0	...	57.712	-35.768	-5	...	...	...	55.369	+4.769	-2	50.8144	10.0
...	59.500	-22.944	-5	...	...	...	57.537	+47.018	-1	50.8142	9.8	...	55.335	+18.328	-5	...	...
...	59.485	+46.388	-5	...	...	E	57.491	-55.798	-1	51.8123	9.8	...	55.272	+23.704	-1	...	...
II						4I						7I					
...	-59.446	-19.534	-5	...	...	...	-57.468	-8.925	-5	p	...	...	-55.263	+3.659	-5	E	...
...	59.328	+34.712	1.00	50.8138	9.8	E*	57.445	-21.568	1.00	51.8126	9.4	...	55.236	-12.369	-5	...	...
E	59.314	-11.366	0.95	51.8121	9.8	...	57.329	+16.633	-4	...	...	E*	55.235	-40.173	2.00	51.8134	8.4
...	59.265	+30.039	-1	50.8137	9.9	...	57.256	+7.781	-5	M	...	...	55.200	+56.222	-5	B	...
E*	59.230	-22.634	1.00	51.8120	9.6	...	57.222	+33.243	1.00	50.8141	9.8	...	55.198	+10.741	-4	...	...
...	-59.175	+33.366	-4	...	...	...	-57.195	-4.810	-2	E	...	...	-55.158	+8.760	-5	...	...
...	59.153	+59.092	-1	49.8173	9.7	...	57.089	+27.957	-5	M	...	†	55.120	+9.362	-5	M	...
...	59.138	+3.948	-2	...	...	E*	57.015	-8.300	1.70	51.8131	8.8	*	54.957	+11.663	0.95	50.8145	9.8
...	59.125	-25.830	-5	...	...	*	56.945	+8.822	1.10	50.8140	9.4	...	54.944	+24.312	-5	M	...
E*	59.124	-28.869	1.80	51.8119	9.0	...	56.879	-11.988	-2	E	...	...	54.927	+6.014	-2	...	...
2I						5I						8I					
...	-59.055	+21.811	-3	...	...	E*	-56.796	-41.232	2.00	51.8127	8.8	...	-54.875	-9.255	-4	...	...
...	59.010	+29.837	-4	...	...	...	56.778	+19.584	-5	M	...	...	54.827	+30.391	-5	M	...
...	58.967	-22.283	-5	...	...	...	56.747	-7.890	-4	E	...	...	54.766	+28.762	-3	...	...
S *	58.927	+1.153	2.35	50.8135	8.1	E*	56.708	-32.436	1.05	51.8129	9.4	E	54.754	-34.298	0.75	51.8135	10.0
...	58.809	+27.250	-5	...	...	...	56.628	+52.569	-5	B	...	...	54.517	-52.810	-4	...	...
*	-58.645	+49.617	2.50	50.8139	8.5	...	-56.614	+2.596	-5	M	...	...	-54.510	-36.436	-3	E	...
†	58.640	+4.944	-3	...	...	E	56.567	-32.997	1.00	51.8130	9.6	...	54.461	+11.228	0.90	...	...
E*	58.629	-21.884	1.00	51.8122	9.8	...	56.440	-2.414	-2	E	...	...	54.382	+14.728	0.70	50.8146	10.0
*	58.488	+55.155	1.70	49.8175	9.2	...	56.175	-2.164	-3	...	...	...	54.270	+14.454	0.95	50.8147	9.9
E*	58.445	-13.838	1.00	51.8124	9.6	...	55.840	+59.730	-5	...	...	...	54.268	+32.330	-4	...	...

L measured from 1, 162, 319, 508, 708, 915, 1107, 1318, 1511, 1739, 1966, 2169.
C " " 78, 229, 400, 603, 794, 1005, 1226, 1418, 1616, 1848, 2061, 2259.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		-3.	No.		Mag.	x.		y.	-3.		No.	Mag.		x.	y.
91-150						151-210						211-270					
9I	-54.196	+46.895	-3	°	...	15I	-50.824	-38.853	-5	°	...	21I	-46.010	-50.937	-3	°	...
...	54.182	-7.344	-5	...	...	*	50.798	+23.516	2.00	50.8155	8.4	†	45.978	-10.024	0.95	51.8155	9.6
...	54.160	+21.785	-4	...	...	...	50.771	-36.871	1.00	51.8146	9.6	...	45.899	+54.091	-5	M	...
...	54.064	-25.854	0.70	E	...	...	50.721	+36.935	-3	...	...	...	45.794	+8.217	-5	M	...
*	54.012	+20.301	1.00	50.8148	9.7	...	50.695	+34.408	-3	...	...	...	45.748	+48.424	-5	...	...
*	-53.938	+40.098	1.20	50.8150	9.1	...	-50.590	-47.787	1.00	51.8145	9.8	...	-45.619	-53.090	-3	...	...
*	53.914	+27.198	1.10	50.8149	9.2	...	50.464	+57.507	-2	49.8195	10.0	*	45.565	-8.279	1.00	51.8156	9.6
*	53.827	+49.602	1.35	50.8152	9.2	...	50.463	+35.672	-2	...	...	...	45.558	-21.377	-5	...	...
...	53.683	+40.756	-5	M	...	...	50.446	+17.040	-4	A	...	...	45.502	+15.540	2.00	50.8169	8.6
E *	53.673	-35.540	1.10	51.8136	9.6	...	50.407	-30.674	-5	p	...	*	45.481	-1.423	1.00	50.8168	9.8
10I	-53.648	-14.714	-5	...	...	16I	-50.068	+30.053	0.70	50.8156	10.0	22I	-45.409	-15.508	0.65	...	...
...	53.638	+14.722	-5	M	...	...	49.951	-51.755	-5	...	...	...	45.339	-53.818	-5	...	...
...	53.549	+24.869	-3	...	...	...	49.802	-11.200	0.80	51.8149	9.9	...	45.239	-0.535	-5	...	...
...	53.545	-36.894	-5	p	...	...	49.797	+29.384	0.95	50.8157	10.0	†	45.222	-59.265	-1	51.8153	9.8
...	53.506	+6.234	-5	M	...	...	49.783	-40.111	-5	p	...	†	45.194	-55.960	1.00	51.8154	9.6
E *	-53.351	-32.476	1.05	51.8137	9.6	...	-49.752	-31.727	-4	...	...	...	-45.176	+31.249	-3	...	...
...	53.336	-1.431	-5	...	...	*	49.702	+55.210	1.15	49.8198	9.6	...	45.171	+37.535	-3	...	...
...	53.284	-31.195	-5	p	...	...	49.687	-38.833	-1	51.8148	10.0	†	45.129	+35.139	-5	M	...
...	53.253	+24.765	-5	M	...	*	49.615	+47.521	1.05	50.8158	9.6	†	45.101	-49.008	-4	...	...
...	53.196	+22.138	-5	M	...	...	49.560	-57.636	-1	51.8147	9.8	†	45.062	-1.974	-4	...	...
11I	-53.196	+6.463	0.70	...	...	17I	-49.217	-23.647	-2	...	...	23I	-45.025	+22.492	1.60	50.8171	8.7
...	53.182	+18.568	-4	...	...	...	49.213	-40.010	-5	...	...	...	45.007	-22.221	-4	...	...
...	53.121	+5.421	-5	M	...	...	49.027	-46.208	-5	...	...	...	44.958	+3.386	0.80	...	...
...	53.093	+3.394	0.90	50.8151	9.9	...	48.946	-42.153	-3	...	...	...	44.914	+37.517	-5	M	...
...	52.956	-17.010	-5	...	...	...	48.856	-21.930	-3	...	...	*	44.868	+1.364	1.30	50.8170	8.8
...	-52.719	-1.787	0.90	50.8153	10.0	...	-48.800	-53.131	-3	...	...	...	-44.744	+49.169	-5	...	...
...	52.679	+53.339	-5	M	...	*	48.792	+23.325	1.10	50.8159	9.3	*	44.712	+27.397	1.00	50.8172	9.8
...	52.634	+33.201	-4	A	...	...	48.754	+42.525	-4	...	...	...	44.654	+26.799	-5	M	...
E *	52.519	-38.470	1.80	51.8138	8.6	...	48.640	+17.007	0.70	...	...	...	44.552	-18.705	-5	...	...
...	52.385	+20.306	-4	B	...	...	48.339	+30.921	-5	M	...	...	44.481	+59.669	-4	...	...
12I	-52.359	-11.800	0.95	51.8142	9.8	18I	-47.973	+19.155	1.00	50.8161	9.6	24I	-44.366	+2.793	-5	M	...
*	52.353	+11.233	1.00	50.8154	9.5	...	47.726	-44.994	-3	...	...	...	44.163	-22.771	0.70	...	...
...	52.283	-25.423	0.70	51.8140	10.0	...	47.717	+33.880	0.80	50.8163	10.0	...	44.145	+29.884	-5	M	...
...	52.278	+8.092	-4	...	...	†	47.706	+0.076	0.85	50.8160	10.0	...	44.112	-7.026	-3	...	...
...	52.226	+29.702	-3	...	...	*	47.639	-16.875	1.00	51.8151	9.6	...	44.055	-34.725	-4	...	...
...	-51.927	+13.214	-5	M	...	...	-47.624	+38.489	-5	M	...	*	-44.012	+15.316	1.05	50.8173	9.4
†	51.899	-39.888	0.85	51.8141	9.8	*	47.621	+27.856	2.70	50.8162	8.1	...	43.907	+7.036	-3	...	...
...	51.890	+16.161	-3	...	...	...	47.582	+40.827	-5	...	...	*	43.847	+14.268	0.95	50.8174	9.6
...	51.851	-24.400	-3	...	...	...	47.525	+49.592	-3	...	...	...	43.823	-47.773	-4	...	...
...	51.816	+47.428	-5	M	...	...	47.384	+18.749	-3	A	...	...	43.729	+56.610	1.00	49.8221	9.7
13I	-51.798	+4.287	-3	A	...	19I	-47.325	-1.229	0.70	...	...	25I	-43.689	+19.571	-3	...	...
...	51.743	+0.409	-4	B	...	...	47.126	+9.953	-5	M	...	...	43.682	-29.754	-3	...	...
...	51.654	-33.707	-5	...	...	*	46.963	+45.883	1.25	50.8166	9.3	...	43.663	+28.981	-5	M	...
*	51.615	-25.045	1.00	51.8143	9.8	...	46.950	-19.551	-2	...	...	...	43.577	+46.473	-5	M	...
E *	51.612	-55.375	2.00	51.8139	8.4	...	46.947	-4.322	-4	...	...	*	43.542	-36.649	1.00	51.8159	9.4
...	-51.607	+50.923	-5	...	...	...	-46.892	-1.498	-4	...	...	*	-43.480	-44.749	1.00	51.8158	9.6
...	51.578	-45.946	-3	...	...	...	46.888	+36.444	-3	...	...	...	43.420	+52.449	-5	...	...
...	51.480	-55.001	-5	...	...	...	46.881	-45.242	-4	...	...	*	43.408	+39.480	1.00	50.8175	9.6
...	51.467	-28.833	0.80	...	...	...	46.800	-7.957	-4	...	...	...	43.321	+27.351	-5	M	...
...	51.340	+56.956	-5	...	...	...	46.794	-25.871	0.75	51.8152	10.0	...	43.283	-26.770	-4	...	...
14I	-51.294	+17.172	-3	...	...	20I	-46.790	-4.073	-5	p	...	26I	-43.219	-52.497	-5	...	...
...	51.255	-4.202	-3	...	...	*	46.684	+25.338	1.00	50.8165	9.9	...	43.208	-7.205	-3	...	...
...	51.253	-43.233	-5	...	...	S *	46.651	+40.657	3.00	50.8167	8.0	...	43.042	-48.487	-5	...	...
...	51.242	-1.550	0.70	...	...	...	46.543	+4.581	-5	M	...	...	43.010	-53.537	-5	...	...
...	51.125	-6.081	-2	...	...	*	46.286	-4.641	1.00	50.8164	9.8	†	42.997	+19.998	-5	M	...
...	-51.088	+22.820	-5	M	...	...	-46.259	+35.555	-2	...	...	...	-42.774	+42.991	-3	...	...
...	51.033	+11.950	-2	...	...	...	46.187	-52.078	-5	...	...	*	42.744	+30.191	1.00	50.8178	9.6
...	50.992	+47.045	-2	...	...	...	46.104	+48.218	-2	...	...	*	42.680	+49.069	1.00	50.8179	9.8
...	50.956	-31.623	0.95	51.8144	9.6	...	46.095	-1.689	0.70	...	...	...	42.636	-4.255	0.90	50.8176	9.9
...	50.876	-50.827	-5	p	...	...	46.094	+57.161	-5	...	...	...	42.589	+31.263	-5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag		x.	y.		No.	Mag		x.	y.		No.	Mag
271-330						331-390						391-450					
27I	-42°506	-11°410	-3	...	...	33I	-39°198	-24°525	-5	...	...	39I	35°452	+40°802	0.90	...	...
...	42°434	+41°849	-1	...	...	...	39°178	+51°522	-4	...	...	...	35°445	+59°729	-5	...	...
...	42°423	-24°364	-5	...	...	...	39°051	-28°643	0.70	...	...	...	35°438	+29°823	-5	M	...
...	42°367	+38°032	-4	...	...	...	38°885	-50°593	-1	51.8168	9.9	*	35°368	+22°207	1.20	50.8194	9.1
...	42°332	-11°848	-5	p	...	...	38°748	+2°022	0.80	50.8181	10.0	...	35°364	+57°674	-5	...	...
...	-42°309	+58°831	-3	...	...	...	-38°729	+58°506	-4	...	...	...	35°273	+2°709	0.70	50.8191	9.9
*	42°309	+5°315	1.00	50.8177	9.4	*	38°710	-43°382	1.00	51.8170	9.6	...	35°249	-7°514	0.70	...	...
...	42°253	-23°659	-3	...	...	...	38°691	-34°426	-4	...	...	†	35°207	-35°636	0.80	51.8185	9.9
...	42°218	+52°033	-4	B	...	...	38°642	-15°402	-5	...	...	†	35°132	+23°187	-5	M	...
...	42°198	-23°476	-4	...	...	*	38°628	+15°308	1.05	50.8183	9.3	†	35°021	+38°429	-3	...	...
28I	-42°072	-47°566	-4	...	...	34I	-38°621	-30°250	1.00	51.8171	9.6	40I	-35°016	-2°990	1.05	50.8193	9.2
...	42°071	+25°343	-3	...	...	*	38°589	+26°817	-5	M	...	†	34°996	+55°605	0.75	49.8243	9.9
...	41°951	+33°603	0.75	...	...	...	38°435	+27°623	-5	M	...	†	34°956	-29°938	-5	p	...
...	41°883	+42°987	-4	...	...	...	38°401	-14°049	0.80	51.8172	10.0	*	34°941	+1°849	0.90	50.8195	9.8
...	41°863	+42°805	-4	...	...	...	38°332	+48°350	-4	...	...	...	34°857	-56°066	0.85	51.8186	10.0
...	-41°840	-18°651	0.80	51.8160	10.0	...	-38°327	-46°312	-4	...	...	...	-34°814	+15°665	0.90	50.8196	9.8
†	41°695	+19°976	-4	...	...	...	38°267	+5°684	0.85	50.8184	9.9	...	34°801	-41°646	-3	...	...
...	41°672	+57°199	-5	...	...	...	38°227	+34°043	-5	...	...	...	34°778	-28°423	-3	...	...
...	41°669	+50°084	-5	M	...	...	38°191	+52°111	-5	M	...	...	34°704	+9°742	0.75	...	...
...	41°650	+43°398	-5	M	...	...	38°069	+12°799	-4	...	...	...	34°683	+12°022	-5	M	...
29I	-41°605	+50°357	-3	...	...	35I	-37°532	-23°656	-2	...	...	41I	-34°628	-17°901	1.30	51.8187	9.0
...	41°577	+43°904	-4	B	...	*	37°459	+45°169	1.70	50.8186	8.8	...	34°608	+33°850	-5	M	...
*	41°498	-21°228	1.20	51.8161	9.0	...	37°453	-30°089	-2	...	...	...	34°606	+9°249	-4	M	...
...	41°345	+20°432	-4	...	...	*	37°444	-1°376	1.10	50.8185	9.0	...	34°598	-23°583	-4	...	...
...	41°340	-33°208	-3	...	...	...	37°381	+19°125	-4	M	...	†	34°301	+29°872	1.00	50.8197	9.3
*	-41°286	-7°898	1.20	51.8162	9.0	...	-37°316	+6°335	-2	...	...	†	-34°210	+29°905	1.00	...	...
...	41°282	+33°277	-2	...	...	†	37°306	+24°887	-5	M	...	*	34°196	-36°238	1.00	51.8188	9.6
...	41°185	+3°983	-4	M	...	*	37°292	+45°804	1.00	50.8187	9.6	...	34°173	-37°706	-4	...	...
...	41°093	+50°015	-5	...	...	...	37°184	+14°605	-5	M	...	...	34°133	+31°076	-5	M	...
...	41°042	-42°469	-5	...	...	...	37°176	+19°147	-3	...	...	*	34°066	+44°551	1.00	50.8199	9.5
30I	-41°024	+35°092	-5	M	...	36I	-37°164	-8°707	-3	...	...	42I	-34°026	-29°340	-4	...	...
...	40°976	-7°145	-3	...	...	...	37°008	-1°525	-5	...	...	...	33°968	-43°552	0.75	...	...
...	40°974	+36°031	-5	M	...	...	36°930	-47°830	1.00	51.8174	9.8	*	33°953	-31°316	1.00	51.8189	9.8
...	40°962	-44°599	-5	...	...	...	36°804	-56°949	-1	51.8173	9.9	*	33°946	+38°551	1.00	50.8200	9.6
...	40°959	-19°081	0.70	...	...	...	36°768	-7°005	0.85	51.8178	9.8	...	33°946	-22°923	-3	...	...
...	-40°732	+12°568	-5	M	...	...	-36°760	+13°954	0.75	...	...	...	-33°874	+3°439	-5	M	...
...	40°720	+11°559	-3	...	...	...	36°703	-41°932	-5	...	...	*	33°823	+52°902	0.95	50.8201	9.8
...	40°690	+21°601	-5	...	...	*	36°627	-41°359	1.00	51.8175	9.4	...	33°769	-14°857	-4	...	...
...	40°669	+2°301	-5	M	...	...	36°511	-49°671	-5	...	...	...	33°694	+8°563	0.80	50.8198	10.0
...	40°566	+33°690	-3	A	...	...	36°478	-32°592	-5	...	...	...	33°591	+45°439	0.90	50.8202	9.8
31I	-40°525	+13°832	1.15	50.8180	9.3	37I	-36°346	+36°851	-3	...	...	43I	-33°514	-49°262	0.85	...	...
*	40°464	-13°368	1.00	51.8165	9.9	*	36°314	-25°521	1.00	51.8179	9.6	...	33°383	-7°170	-4	...	...
...	40°459	-22°914	-5	p	...	...	36°286	+8°738	0.80	50.8190	9.8	...	33°322	+35°291	0.70	50.8203	10.0
...	40°430	-50°626	-5	...	...	...	36°263	+18°957	0.65	...	...	...	33°315	+33°658	-5	M	...
...	40°312	-26°669	0.75	51.8164	10.0	*	36°227	-44°343	1.05	51.8177	9.2	...	33°246	+17°615	-4	...	...
*	-40°307	-10°976	1.20	51.8166	9.0	...	-36°221	+33°429	-5	M	...	...	-33°226	+16°411	-3	A	...
...	40°198	-13°706	-5	...	...	...	36°215	-33°913	-3	...	...	...	33°189	-5°379	0.85	51.8193	9.9
...	40°152	+56°027	-5	M	...	n	36°198	+0°335	0.90	50.8189	9.6	...	33°125	+10°072	-4	M	...
...	40°068	-53°004	-1	51.8163	9.9	...	36°170	+1°248	0.70	50.8188	10.0	...	33°120	-24°643	0.70	...	...
...	40°066	-59°394	-3	...	...	*	36°170	-26°056	1.00	51.8181	9.6	...	33°092	-36°938	-3	...	...
32I	-39°917	+16°315	0.65	...	...	38I	-36°159	-15°725	-5	...	...	44I	-33°087	-41°524	-4	...	...
...	39°879	+37°855	-3	...	...	n	36°151	+0°493	0.70	50.8189	9.6	...	33°071	-28°042	-2	...	...
...	39°725	+41°357	-3	...	...	*	35°952	-15°943	1.30	51.8183	8.8	...	33°071	-50°373	0.90	51.8190	9.9
...	39°637	+9°546	-5	M	...	...	35°844	+49°411	-5	...	...	†	33°069	-0°062	-4	...	...
*	39°598	-9°027	1.00	51.8169	9.6	*	35°793	-21°013	1.00	51.8184	9.6	...	33°037	-4°613	-3	...	...
...	-39°591	+26°792	-4	M	...	...	-35°704	-26°729	-5	p	...	...	-32°914	+3°897	-5	M	...
...	39°474	-32°867	-2	...	...	...	35°676	-23°425	-5	...	...	...	32°912	-30°323	0.70	...	...
...	39°398	-57°709	-1	51.8167	9.8	...	35°585	+1°176	-5	M	...	...	32°904	-11°826	-4	...	...
...	39°262	-21°042	0.75	...	...	...	35°500	-50°921	-3	...	...	...	32°828	-44°185	1.00	51.8192	9.8
*	39°258	+36°221	1.10	50.8182	9.4	*	35°495	+18°539	2.10	50.8192	8.4	*	32°827	-45°250	1.00	51.8191	9.6

378,382. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
451-510						511-570						571-630					
45I	-32°775	+8°829	1.00	50.8204	9.4	51I	-29°949	+14°956	-5	...	...	57I	-27°002	-36°168	-2	...	...
...	32°642	+19°811	-4	M	...	...	29°939	+6°281	-5	M	...	...	26°868	-27°720	-5	...	...
...	32°615	+16°365	-4	...	...	*	29°872	-6°088	1.00	51.8203	9.4	*	26°782	+14°087	2.40	50.8222	8.4
...	32°609	-39°752	-4	...	...	...	29°820	-11°187	-2	...	...	...	26°750	+45°635	-3	...	...
*	32°522	-15°087	1.10	51.8195	9.2	...	29°819	-26°127	-5	...	...	...	26°739	+29°451	0.80	...	...
...	-32°467	+49°382	-5	...	...	...	-29°803	-36°598	-5	...	...	...	-26°732	-27°762	-3	...	...
...	32°424	-4°793	-5	...	...	...	29°765	-27°796	-3	...	...	...	26°672	-25°863	0.85	51.8215	10.0
...	32°410	+2°346	-2	...	...	...	29°692	+13°696	1.00	50.8213	9.8	...	26°646	+8°548	-2	...	...
...	32°356	-20°132	-2	...	...	*	29°678	+5°727	1.45	50.8214	8.9	...	26°583	+10°059	-5	M	...
...	32°337	+38°629	0.95	50.8206	10.0	...	29°658	-20°175	-2	...	...	...	26°580	-48°981	-4	...	...
46I	-32°309	-53°466	-5	...	...	52I	-29°616	+27°170	0.75	...	...	58I	-26°564	-20°496	-5	...	...
...	32°273	+52°677	-4	...	...	...	29°605	+3°471	-3	D	...	*	26°472	-9°516	1.25	51.8216	9.0
...	32°244	+41°602	-3	...	...	†	29°580	+49°894	-5	...	...	...	26°107	+36°825	-3	...	...
*	32°219	-59°516	1.10	51.8194	9.6	...	29°547	-26°185	0.70	...	...	...	26°066	+45°148	-2	...	...
...	32°196	-58°619	-4	...	...	...	29°474	-51°572	-1	...	...	...	26°038	+18°742	-5	M	...
...	-32°157	+48°180	-5	...	...	...	-29°449	+25°885	-5	M	...	†	-25°927	+0°025	-5	M	...
...	32°128	-54°354	-5	p	...	...	29°348	+58°649	-1	49.8263	10.0	...	25°848	+23°790	-5	M	...
...	32°053	-37°963	0.80	51.8196	10.0	...	29°248	+16°134	-3	...	...	...	25°774	-36°566	-5	...	...
...	32°042	+27°907	-4	...	...	...	29°182	+33°548	-5	...	...	...	25°638	+27°506	-5	...	...
*	32°031	-3°973	0.95	50.8205	9.7	...	29°167	-33°136	-2	...	...	*	25°630	-19°373	1.05	51.8218	9.2
47I	-31°972	+49°772	-5	...	...	53I	-29°134	+41°448	0.75	...	...	59I	-25°626	+5°771	1.00	50.8223	9.5
...	31°924	-40°672	0.65	...	...	...	29°099	+33°524	-3	...	...	...	25°617	-48°318	-4	...	...
...	31°830	+58°423	-4	...	...	...	29°067	+26°754	0.70	...	...	...	25°612	+12°940	0.80	50.8225	9.9
...	31°759	+19°533	0.90	50.8208	9.9	...	28°955	+48°736	-3	...	...	*	25°607	+10°309	1.10	50.8224	9.2
†	31°757	+49°797	-5	...	...	...	28°902	+29°676	-3	...	...	...	25°587	+28°484	-5	...	...
*	-31°748	+29°527	1.10	50.8209	9.2	...	-28°890	-21°288	-2	...	...	...	-25°549	+14°299	-5	M	...
...	31°724	+23°425	-4	...	...	*	28°810	-34°579	1.00	51.8206	9.4	...	25°527	+46°877	-5	M	...
...	31°689	+1°188	-4	M	...	...	28°809	-45°446	0.70	51.8205	10.0	...	25°525	+39°313	-5	...	...
†	31°670	-29°855	0.85	51.8197	9.9	*	28°709	+55°926	2.00	49.8264	8.9	...	25°466	+27°390	-3	...	...
...	31°652	+51°001	-5	M	...	*	28°611	+33°109	1.00	50.8216	9.8	...	25°460	+26°049	-5	M	...
48I	-31°593	+44°628	-4	...	...	54I	-28°469	+32°874	0.70	50.8217	10.0	60I	-25°414	-50°099	-5	...	...
...	31°588	+36°029	-5	...	...	...	28°434	-3°324	-5	...	...	...	25°334	+8°294	-2	...	...
...	31°585	-9°497	-4	...	...	*	28°399	+3°959	1.00	50.8215	9.4	...	25°038	+8°206	-3	...	...
...	31°584	+3°226	-3	...	...	...	28°310	-13°294	-5	...	...	...	24°992	+1°426	-5	M	...
*	31°568	+9°250	1.00	50.8207	9.6	...	28°308	+50°530	1.00	50.8219	10.0	*	24°867	-39°718	1.00	51.8219	9.8
...	-31°343	-37°496	-3	...	...	*	-28°218	+28°570	2.00	50.8218	8.7	*	-24°779	+47°521	1.05	50.8226	9.6
...	31°319	-16°001	-5	...	...	*	28°176	-27°254	1.05	51.8208	9.4	...	24°774	+59°266	-3	...	...
...	31°130	-35°435	-4	...	...	...	28°153	-23°842	0.90	51.8209	10.0	*	24°760	-24°780	1.15	51.8220	9.2
...	31°101	-56°045	-5	p	...	...	28°037	+27°363	-5	M	...	...	24°721	+6°498	-3	...	...
...	31°064	+15°484	0.75	50.8210	10.0	*	27°940	-17°492	1.00	51.8212	9.8	...	24°702	-39°581	-4	...	...
49I	-30°978	+40°939	-4	B	...	55I	-27°701	+36°791	-5	M	...	61I	-24°631	-45°880	0.75	...	...
...	30°947	-47°709	-5	p	...	*	27°700	-18°707	2.00	51.8214	8.6	...	24°576	-36°453	0.75	...	...
...	30°816	+4°381	-5	M	...	*	27°689	-41°500	1.00	51.8210	9.6	...	24°418	+22°685	-5	M	...
...	30°799	+7°273	-5	M	...	*	27°672	-39°795	1.00	51.8211	9.6	...	24°369	-12°638	-4	...	...
...	30°769	-40°389	-5	p	...	...	27°562	-21°116	-5	...	...	...	24°332	+39°717	-5	M	...
...	-30°727	+30°750	-3	...	...	...	-27°487	+36°533	0.95	50.8221	9.9	...	-24°218	-16°895	-5	...	...
...	30°690	-12°367	-2	...	...	...	27°430	+19°710	-5	M	...	...	24°203	-28°562	0.65	...	...
*	30°673	-36°214	1.00	51.8199	9.6	...	27°419	+43°665	-3	...	...	...	24°093	-3°855	-4	...	...
...	30°635	+16°411	-4	M	...	...	27°407	-36°575	-2	...	...	*	24°085	+18°321	1.00	50.8227	9.5
...	30°528	+33°205	-4	B	...	...	27°359	-55°447	-1	51.8213	10.0	...	24°052	+3°971	-5	M	...
50I	-30°516	+41°340	-2	...	...	56I	-27°334	+16°229	-5	...	...	62I	-24°051	-17°216	0.95	51.8221	9.9
...	30°423	+15°741	-4	...	...	...	27°334	-13°906	-4	...	...	*	24°017	+53°167	1.00	50.8228	9.7
*	30°322	+32°809	1.00	50.8211	9.6	...	27°326	+10°265	0.80	50.8220	10.0	...	24°013	+58°237	1.00	49.8274	9.8
*	30°276	-6°785	1.20	51.8201	9.2	...	27°282	+31°032	-5	...	...	...	23°976	+40°936	-4	...	...
†	30°235	-14°998	1.30	51.8200	8.8	...	27°246	+54°131	-5	...	...	...	23°947	+24°653	-5	M	...
†	-30°171	+0°082	-4	M	...	...	-27°244	+12°221	0.70	...	...	...	-23°849	+33°198	-5	M	...
...	30°150	+49°977	-3	...	...	...	27°119	-22°305	-2	...	...	...	23°843	-46°254	-5	...	...
†	30°066	-25°002	-5	...	...	...	27°095	+30°324	-3	...	...	...	23°838	+47°669	-5	M	...
...	30°032	-34°600	0.70	...	...	...	27°027	+16°413	-2	...	...	...	23°834	-13°541	-3	...	...
*	29°955	+29°346	1.70	50.8212	8.9	...	27°025	+30°039	-5	M	...	...	23°800	-0°939	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
631-690						691-750						751-810					
63I	-23'777	+41'657	1.00	50.8229	9.9	69I	-21'190	-33'296	-5	p	...	75I	-17'955	-22'826	-5	...	...
...	23'732	-32'917	-5	p	...	...	21'171	-18'034	-5	...	...	...	17'945	+54'719	-2	...	...
...	23'724	+27'793	-3	...	...	...	21'162	-5'442	0.70	51.8229	10.0	...	17'775	-47'216	1.00	51.8238	9.6
*	23'577	+44'269	1.00	50.8231	9.7	*	21'150	+8'523	1.00	50.8238	9.4	...	17'767	+28'505	-4	...	...
...	23'394	-40'217	-3	...	...	...	21'053	-3'047	0.70	...	...	a *	17'692	+0'376	1.00	50.8251	9.7
*	-23'384	+35'869	1.10	50.8232	9.4	...	-20'936	-45'230	-3	...	...	*	-17'662	+12'314	1.00	50.8254	9.5
*	23'357	+9'479	1.00	50.8230	9.7	...	20'890	+36'032	-4	...	...	...	17'628	+16'222	-2	...	...
...	23'320	+0'770	0.70	...	...	*	20'806	-1'267	1.10	50.8240	9.2	...	17'623	+17'993	-5	M	...
...	23'315	+34'679	-5	M	...	...	20'768	+28'054	-3	...	...	†	17'602	-5'008	-1	50.8252	10.0
...	23'311	-38'604	-4	...	...	...	20'718	-6'067	-5	...	...	...	17'589	-26'759	-5	...	...
64I	-23'280	+43'718	1.00	50.8233	9.6	70I	-20'669	-9'277	1.10	51.8230	9.4	76I	-17'579	+40'181	0.80	50.8255	10.0
*	23'268	+43'863	-5	M	...	...	20'622	+39'609	-3	...	...	†	17'463	-54'923	-5	...	...
...	23'257	-32'742	-4	...	...	...	20'583	-25'947	0.70	...	...	...	17'368	-23'070	0.95	51.8239	9.9
...	23'245	-57'838	-4	...	...	...	20'517	+7'290	-5	M	...	...	16'919	+4'001	-5	M	...
...	23'189	-4'358	-2	...	...	...	20'475	+13'137	0.90	50.8241	9.9	...	16'898	+7'540	0.85	50.8256	9.8
...	-23'172	+59'089	-4	...	...	...	-20'396	-43'271	-4	...	...	...	-16'858	+31'958	-2	...	...
...	23'059	+17'478	-2	...	...	...	20'394	-1'373	-4	...	...	*	16'822	-55'468	1.20	51.8240	9.2
...	22'994	+51'886	0.70	...	...	...	20'265	-58'814	-5	...	...	...	16'783	+42'577	-5	M	...
†	22'988	-5'051	-4	...	...	S *	20'089	-3'561	-5	...	...	S *	16'776	-15'675	1.40	51.8241	8.6
...	22'930	-36'071	-5	p	...	...	20'073	-48'293	1.30	51.8231	9.0	...	16'756	-17'430	-2	...	...
65I	-22'881	+58'897	-5	M	...	71I	-20'042	-35'137	0.80	51.8232	9.9	77I	-16'751	+3'130	0.95	50.8257	9.7
...	22'718	-13'590	-5	...	...	...	20'034	+34'958	-2	...	...	...	16'688	+58'102	-5	M	...
...	22'682	+28'553	-5	M	...	...	20'020	-34'316	-5	...	...	...	16'668	+31'481	-3	A	...
...	22'493	-26'037	0.90	51.8223	9.9	...	19'996	-53'677	-2	...	...	...	16'630	+8'305	-2	...	...
...	22'446	-38'486	0.70	...	...	*	19'942	-42'890	1.00	51.8233	9.8	...	16'509	+57'616	-1	...	...
*	-22'442	-54'769	1.05	51.8222	9.6	...	-19'913	-47'397	-4	...	...	...	-16'484	+45'714	-5	M	...
...	22'440	+19'271	-5	M	...	...	19'817	+25'436	-2	...	...	...	16'404	-14'877	-5	...	...
...	22'364	-35'448	0.75	...	...	...	19'744	+43'704	-2	...	...	...	16'307	+46'022	-4	...	...
...	22'310	-42'648	0.70	...	...	...	19'737	+22'404	0.85	50.8242	9.8	...	16'242	+31'985	-5	...	...
*	22'254	+53'565	1.40	50.8235	8.9	...	19'644	-0'948	-5	...	...	...	16'227	-2'431	0.80	50.8258	10.0
66I	-22'250	+28'072	-4	...	...	72I	-19'634	+57'138	-5	...	...	78I	-16'162	-11'963	0.70	...	...
*	22'191	-45'672	1.10	51.8224	9.4	†	19'609	-24'953	-5	...	...	*	16'125	-43'968	1.00	51.8242	9.4
...	22'172	+23'213	0.70	50.8234	10.0	...	19'605	-35'765	-3	...	...	...	16'045	+33'076	-5	M	...
*	22'047	-42'413	1.00	51.8225	9.8	...	19'482	+0'576	0.65	...	...	...	16'007	+52'710	-3	...	...
...	21'936	+15'593	-4	M	...	*	19'313	+20'516	1.05	50.8243	9.2	...	15'919	+25'526	-2	...	...
*	-21'894	+39'959	1.00	50.8236	9.8	*	-19'190	-39'782	1.00	51.8235	9.6	*	-15'900	-59'282	1.05	51.8243	9.6
...	21'849	-16'028	-3	...	...	...	19'174	-47'038	1.00	51.8234	9.6	*	15'751	+34'836	1.00	50.8259	9.4
...	21'767	-36'709	-4	...	...	*	19'114	+22'417	0.95	50.8244	9.6	*	15'734	-15'755	1.00	51.8244	9.4
...	21'683	-47'837	-1	...	...	*	19'030	+55'797	1.25	49.8284	9.2	...	15'551	-4'311	-5	...	...
...	21'681	-40'386	-4	...	...	...	19'029	+33'227	0.75	50.8245	10.0	...	15'545	-18'822	0.75	51.8245	10.0
67I	-21'668	+29'763	-5	M	...	73I	-18'929	+34'825	-5	M	...	79I	-15'413	+59'722	-2	...	...
...	21'664	-29'315	-5	...	...	*	18'921	+36'008	1.00	50.8246	9.5	†	15'345	-13'768	-3	...	...
...	21'590	-37'796	0.70	...	...	...	18'920	+7'570	-3	A	...	†	15'175	+4'032	-1	...	...
...	21'590	-59'735	-5	...	...	...	18'878	+46'567	-5	M	...	†	15'124	+4'426	-2	...	...
...	21'588	+30'632	-3	...	...	...	18'771	+33'603	-2	...	...	†	15'104	+27'136	-3	...	...
...	-21'560	-43'409	-3	...	...	...	-18'708	+15'311	-5	M	...	...	-15'014	-43'421	-3	...	...
...	21'551	+26'297	-5	M	...	...	18'627	+50'114	0.75	50.8249	10.0	...	14'986	-39'125	-4	...	...
*	21'523	-46'899	1.40	51.8226	9.0	...	18'613	-56'561	-2	51.8236	10.0	...	14'965	-16'807	-4	...	...
...	21'518	+54'023	-2	...	...	...	18'555	-33'983	-5	p	...	...	14'877	-45'934	-5	...	...
†	21'517	-24'964	0.70	51.8228	10.0	...	18'539	+33'814	0.75	50.8247	10.0	...	14'867	+1'981	0.70	...	...
68I	-21'494	-25'072	-3	...	...	74I	-18'534	+36'378	1.00	50.8248	9.4	†	-14'812	+14'885	-4	M	...
...	21'401	-53'537	-3	...	...	*	18'497	-46'823	-2	...	...	...	14'790	+0'733	-3	...	...
...	21'386	-34'825	-5	p	...	...	18'372	-42'790	-4	...	...	...	14'651	+13'153	-3	...	...
*	21'361	+20'205	1.00	50.8237	9.6	...	18'240	+30'441	-5	M	...	...	14'637	-49'377	-2	...	...
...	21'353	+53'986	-5	...	...	...	18'149	+50'009	0.80	50.8253	10.0	...	14'626	-38'900	-5	...	...
...	-21'285	-58'312	-4	51.8227	9.6	...	-18'120	+10'436	-5	M	...	*	-14'566	-1'988	0.90	50.8260	9.9
...	21'253	-46'092	-5	...	...	*	18'073	-36'144	1.15	51.8237	9.2	...	14'547	-2'710	-5	...	...
...	21'249	-31'620	-4	...	...	...	17'992	+22'771	0.80	50.8250	10.0	...	14'545	+55'409	-3	...	...
...	21'211	+1'681	0.70	50.8239	10.0	...	17'975	+43'315	-3	...	...	...	14'528	-20'163	-5	...	...
...	21'208	-7'156	0.70	...	...	...	17'972	-50'648	-5	...	...	...	14'467	+5'317	0.85	50.8261	9.7

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.	
811-870						871-930						931-990						
811	-14°431	-22°093	-5	...	...	871	-12°332	-22°012	-5	...	...	931	-8°897	+40°297	1·00	50.8287	9·6	
*	I4°397	+18°267	1·00	50.8262	9·7	...	I2°311	+8°510	0·70	...	...	...	8°868	-27°096	-5	...	...	
...	I4°225	-43°992	-4	...	...	*	I2°298	+4°847	1·15	50.8276	9·2	...	8°844	-53°965	-5	...	...	
...	I4°224	-20°753	-4	...	...	...	I2°283	+23°927	-4	M	...	...	8°684	+52°401	-2	50.8289	10·0	
...	I4°213	+46°207	-5	M	...	*	I2°240	+16°754	1·40	50.8280	9·0	...	8°641	-25°826	-2	...	...	
...	-14°202	+39°455	-5	M	...	...	-12°223	-21°487	-4	...	...	...	-8°638	-40°326	-2	...	...	
*	I4°187	+7°160	1·50	50.8263	8·8	...	I2°076	-14°845	-4	...	...	...	8°614	+6°326	-5	M	...	
...	I4°176	+37°085	-4	...	...	...	I2°066	-49°996	0·85	51.8251	10·0	*	8°513	-45°142	1·00	51.8259	9·6	
*	I4°143	-19°637	1·20	51.8246	9·0	...	I2°048	-59°717	1·00	51.8250	9·8	...	8°500	+44°205	-3	...	...	
...	I4°142	+48°917	0·90	50.8265	10·0	...	I2°001	-41°931	-5	...	...	...	8°491	-51°064	-5	...	...	
821	...	...	...	...	...	881	...	...	...	...	...	941	...	...	...	...	...	
...	-14°097	-36°184	-5	...	...	...	-11°895	-8°104	-5	ϕ	...	...	...	-8°491	-54°232	1·00	51.8257	9·8
*	I4°093	+36°701	1·20	50.8264	9·0	...	11°883	+47°263	-5	M	...	...	...	8°464	-25°695	-5	...	...
...	I4°087	-13°907	-2	...	...	*	11°855	+0°759	1·20	50.8282	9·1	...	...	8°445	+21°582	-3	...	...
...	I4°036	+55°961	0·70	...	...	...	11°814	+29°032	-3	A	...	*	...	8°372	+12°283	1·00	50.8290	9·8
...	I3°995	+35°902	-5	M	...	...	11°784	+34°720	-4	...	...	...	...	8°364	-55°972	-5	...	...
...	-13°995	-13°480	-5	...	...	...	-11°737	+41°792	0·70	...	...	...	...	-8°346	-38°704	-3	...	...
...	I3°919	+52°914	0·95	50.8268	9·9	...	11°560	-48°352	0·65	...	...	...	...	8°302	-1°854	-4	...	...
*	I3°815	+35°686	1·20	...	...	...	11°537	-22°903	-5	...	...	...	...	8°210	+13°287	-2	B	...
*	I3°803	+35°588	1·00	50.8266	8·9	...	11°516	+22°601	-2	...	...	*	...	8°181	+16°770	1·00	50.8291	9·5
...	I3°749	+28°651	-2	...	...	...	11°425	-37°051	-5	...	...	...	...	8°169	-55°603	-5	...	...
831	...	...	...	...	...	891	...	...	...	...	...	951	...	...	...	...	...	
...	-13°747	+16°125	0·95	50.8267	9·8	...	-11°422	+43°448	-4	...	...	*	...	-8°140	-36°626	1·50	51.8260	8·8
...	I3°732	+11°340	-4	M	...	...	11°392	+56°203	1·00	49.8304	9·8	...	...	8°111	+15°701	-5	M	...
...	I3°687	-24°330	-4	...	...	...	11°370	+52°120	-5	...	...	...	...	8°077	-18°360	-3	...	...
...	I3°683	-13°232	-4	...	...	...	11°318	+1°099	-5	M	...	...	...	8°056	+32°655	-4	...	...
*	I3°670	-33°376	1·20	51.8247	9·2	...	11°230	-10°337	-4	...	...	...	...	8°016	+14°011	0·95	50.8292	10·0
...	-13°648	+32°483	0·90	50.8272	9·9	...	-11°100	+39°677	-5	M	...	...	...	-7°891	-17°394	0·75	...	...
...	I3°626	+14°366	0·90	50.8269	9·8	...	11°083	+30°753	-5	M	...	...	...	7°752	+53°449	1·00	50.8293	10·0
...	I3°606	-9°814	-2	...	...	*	11°013	+15°321	1·00	50.8283	9·6	...	...	7°718	+15°337	0·70	...	...
...	I3°504	+6°781	0·95	50.8270	9·7	...	10°983	+20°286	-5	M	...	...	...	7°671	-42°704	0·95	51.8261	9·8
...	I3°445	-10°530	-2	...	...	*	10°922	+38°467	1·00	50.8284	9·4	...	...	7°626	+2°212	-5	M	...
841	...	...	...	...	...	901	...	...	...	...	...	961	...	...	...	...	...	
...	-13°429	+40°120	0·70	50.8273	9·9	...	-10°900	+57°520	-5	M	...	*	...	-7°619	-32°136	1·10	51.8262	9·2
...	I3°419	+9°661	-5	M	...	...	10°898	-56°673	-5	...	...	...	...	7°543	+43°517	-4	...	...
*	I3°409	-9°276	1·15	51.8249	9·4	...	10°800	+0°350	-3	δ	...	...	...	7°490	+25°167	-5	M	...
...	I3°398	+43°236	-4	B	...	...	10°729	-32°114	-4	...	...	*	...	7°409	+39°003	1·00	50.8294	9·4
*	I3°354	+5°130	1·30	50.8271	9·3	...	10°709	+43°065	-5	M	...	...	...	7°391	-6°530	-3	...	...
...	-13°314	+25°100	-4	...	...	...	-10°680	-50°591	-5	...	...	...	...	-7°360	+22°854	-2	...	...
...	I3°301	-40°234	-5	...	...	...	10°552	-51°584	-5	...	...	...	...	7°337	+6°433	-5	M	...
...	I3°279	+0°836	-5	M	...	...	10°518	-17°400	-5	...	...	...	...	7°282	+10°238	-5	M	...
...	I3°267	+55°049	0·70	...	...	...	10°495	-55°600	-5	...	...	...	...	7°277	-13°327	-3	...	...
...	I3°192	-57°301	-1	...	...	*	10°467	-40°320	1·00	51.8254	9·4	...	...	7°254	+52°624	-5	M	...
851	...	...	...	...	...	911	...	...	...	...	...	971	...	...	...	...	...	
...	-13°149	+15°818	-3	...	...	...	-10°367	-29°445	-5	...	...	...	...	-7°113	-16°505	0·90	51.8263	9·9
...	I3°092	+1°828	-5	M	...	...	10°353	+16°153	-4	...	...	...	...	7°026	+57°912	0·95	49.8311	9·9
...	I3°044	+45°012	-4	...	...	...	10°316	+14°270	-2	50.8285	10·0	...	...	6°986	+53°177	-5	M	...
...	I3°003	-56°250	0·70	...	...	...	10°281	-17°914	0·70	...	...	†	...	6°814	-5°027	-2	51.8264	10·0
...	I2°944	+24°773	-5	M	...	...	10°198	-19°744	-5	...	...	*	...	6°780	+8°290	1·25	50.8295	9·2
...	-12°936	+2°906	-4	M	...	...	-10°128	+40°667	1·80	50.8286	8·5	...	...	-6°554	-48°098	-5	...	...
...	I2°874	-7°100	-5	ϕ	...	...	9°957	-16°046	0·80	51.8255	10·0	...	...	6°535	+21°505	-5	M	...
...	I2°851	+44°957	-5	M	...	...	9°946	-43°338	0·65	...	...	...	...	6°513	+57°355	1·00	49.8314	9·8
...	I2°792	+46°365	0·90	50.8275	10·0	...	9°938	-45°734	-3	...	...	...	...	6°463	+13°829	4	M	...
...	I2°778	+4°516	-5	M	...	...	9°887	-59°616	-1	...	...	...	...	6°353	+21°046	-3	...	...
861	...	...	...	...	...	921	...	...	...	...	...	981	...	...	...	...	...	
...	-12°687	+29°290	1·00	50.8274	9·8	...	-9°873	-34°332	-5	...	...	...	...	-6°278	+34°280	-5	M	...
...	I2°677	+47°727	-4	...	...	...	9°700	-20°703	-4	...	...	*	...	6°258	+12°407	1·05	50.8296	9·4
...	I2°634	+36°490	-5	M	...	...	9°524	-19°799	-4	...	...	...	...	6°257	-0°680	-5	...	...
...	I2°598	+41°363	0·70	50.8277	10·0	...	9°432	-20°293	-3	...	...	...	...	6°228	+10°321	-1	50.8297	10·0
...	I2°501	-11°413	0·70	...	...	...	9°392	-51°975	-5	ϕ	...	...	...	6°205	+55°083	0·80	49.8315	9·9
...	-12°425	+10°237	-3	B	...	*	-9°294	+56°293	1·10	49.8307	9·7	...	...	-6°182	+44°207	0·70	...	...
*	I2°399	+53°147	1·40	50.8281	9·2	...	9°141	-12°752	-1	51.8256	9·8	...	...	6°109	+24°198	-5	M	...
*	I2°366	+25°578	1·60	50.8278	8·9	...	9°059	+13°951	-3	...	...	...	...	6°102	-37°645	-5	ϕ	...
...	I2°363	+13°440	-4	M	...	...	9°043	+54°922	1·00	50.8288	10·0	...	...	6°074	+40°269	-5	...	...
...	I2°350	+35°928	0·85	50.8279	9·9	...	9°031	-11°149	-5	...	...	...	...	6°056	-45°942	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Ma
991-1050						1051-1110						1111-1170					
99I	-5.914	-34.367	-3	...	...	105I	-2.705	+43.138	1.00	50.8304	9.7	111I	+0.017	+36.252	1.50	50.8313	8.6
...	5.655	+42.162	-5	M	...	...	2.669	-24.879	-4	...	...	...	0.054	-59.154	-1	...	...
*	5.629	-5.485	1.05	51.8265	9.4	...	2.581	+8.050	-3	Bm	...	...	0.075	-42.740	-5	...	...
...	5.599	+22.625	-2	...	...	...	2.488	+7.883	-4	Mm	...	...	0.082	+44.184	-3	...	...
...	5.549	+28.379	-2	...	...	...	2.476	+22.688	-5	Mm	...	...	0.144	-18.776	0.70	...	...
...	-5.450	+24.214	-2	...	...	...	-2.429	+42.517	-5	Mm	...	...	+0.145	-56.383	-5	...	...
...	5.449	+15.196	-5	M	...	...	2.308	-41.312	-3	...	...	...	0.177	-46.040	-2	...	...
...	5.435	-54.571	-5	p	...	...	2.254	+15.662	-4	Mm	...	...	0.185	+55.402	-2	49.8333	10.0
...	5.373	-51.557	-3	...	...	...	2.219	+41.149	-5	Mm	...	...	0.197	-13.127	-3	...	...
†	5.329	-39.425	0.85	51.8266	9.9	...	2.203	+51.422	1.00	50.8305	9.7	...	0.304	+48.603	0.80	50.8314	10.0
100I	...	...	...	...	...	106I	...	...	...	...	...	112I	...	...	...	...	...
†	-5.297	-21.692	0.90	51.8267	9.6	...	-2.189	+34.578	-5	Mm	...	...	+0.415	+10.772	0.75	...	...
†	5.238	+21.352	1.05	50.8299	9.3	...	2.134	-52.433	0.95	51.8273	9.8	...	0.482	+21.726	-3	Bm	...
†	5.229	+32.713	1.05	50.8298	9.1	...	2.100	-42.829	0.70	...	...	...	0.501	+36.350	-5	Mm	...
†	5.212	+8.737	1.00	50.8300	9.5	...	2.094	-13.349	-5	...	...	...	0.514	-24.144	0.80	51.8281	10.0
†	5.051	+18.024	1.00	50.8301	9.4	...	2.055	+40.058	-5	Mm	...	...	0.569	-19.857	1.15	51.8282	9.0
...	-5.016	-54.618	1.00	51.8268	9.8	...	-1.983	+34.065	1.00	50.8306	9.4	...	+0.582	-3.970	-5	...	...
...	5.000	+12.302	-5	M	...	...	1.932	+45.582	0.80	50.8307	9.9	...	0.583	+12.360	-5	Mm	...
...	4.991	-17.145	-4	...	...	...	1.911	+35.505	-5	Mm	...	...	0.587	+33.869	1.90	50.8315	8.6
...	4.972	+10.685	-5	M	...	...	1.813	-13.261	0.90	51.8275	9.6	...	0.644	+35.895	-5	Mm	...
...	4.918	-3.114	-4	...	...	...	1.807	+29.266	1.00	50.8308	9.6	...	0.673	+17.158	-5	Mm	...
101I	...	...	...	...	...	107I	...	...	...	...	...	113I	...	...	...	...	...
...	-4.908	+42.981	-5	M	...	...	-1.743	-35.231	-3	...	...	...	+0.706	+3.928	-5	Mm	...
...	4.820	+5.854	0.70	...	...	...	1.734	+27.367	-5	Mm	...	...	0.753	-3.122	-5	...	...
...	4.757	+6.511	-3	B	...	...	1.727	-51.606	-3	...	...	...	0.756	+30.674	-5	Mm	...
...	4.588	+43.709	-5	...	...	...	1.674	-51.572	0.75	51.8274	9.8	...	0.767	-35.546	-5	...	...
...	4.408	+33.866	-4	M	...	...	1.696	+13.344	-5	Mm	...	...	0.772	+16.669	-2	...	...
...	-4.370	-6.821	0.90	51.8270	9.6	...	-1.671	-47.943	0.70	51.8276	10.0	...	+0.887	+13.152	-5	Mm	...
...	4.307	-51.712	1.00	51.8269	9.6	...	1.561	+13.116	1.00	50.8309	9.6	...	0.911	+12.222	0.75	...	...
*	4.098	-38.962	1.00	51.8271	9.6	...	1.559	+19.051	0.90	50.8311	9.8	...	1.017	-8.102	0.90	51.8283	9.6
...	4.085	+6.495	-5	M	...	...	1.556	-49.391	-5	...	...	...	1.028	+3.435	-5	Mm	...
...	4.020	-46.530	-5	...	...	...	1.553	-38.017	-5	p	...	...	1.110	-22.776	-5	...	...
102I	...	...	...	...	...	108I	...	...	...	...	...	114I	...	...	...	...	...
...	-3.995	-27.791	-4	...	...	...	-1.529	+12.689	0.95	50.8310	9.8	...	+1.173	+21.205	0.80	50.8316	10.0
...	3.982	+46.001	-5	M	...	...	1.512	-36.145	0.75	...	...	...	1.235	-52.133	1.35	51.8284	8.8
...	3.889	+7.636	-4	...	...	...	1.437	+4.680	-4	Mm	...	...	1.331	+6.200	1.00	50.8317	9.9
...	3.884	+44.267	0.80	50.8302	9.9	...	1.431	+44.242	0.70	...	...	...	1.343	+50.793	-5	Mm	...
...	3.852	-5.313	-5	p	...	...	1.320	-48.111	1.00	51.8277	9.8	...	1.377	-20.118	-5	...	...
...	-3.836	+51.141	-4	M	...	...	-1.211	-33.596	-3	...	...	...	+1.392	-26.783	-5	...	...
...	3.814	-1.862	-5	p	...	...	1.190	+54.634	-5	Mm	...	...	1.411	-17.199	1.20	51.8285	9.0
...	3.809	+27.145	-5	M	...	...	1.116	-3.667	-3	...	...	...	1.413	+56.547	-5	...	...
...	3.800	-51.215	-3	...	...	...	1.114	+42.684	-5	Mm	...	...	1.463	-58.182	-5	...	...
...	3.787	-35.091	-3	...	...	...	1.096	-9.227	-5	p	...	...	1.505	-2.725	-5	...	...
103I	...	...	...	...	...	109I	...	...	...	...	...	115I	...	...	...	...	...
...	-3.701	-18.776	-2	...	...	...	-1.079	-47.745	-5	p	...	...	+1.577	-29.155	0.90	51.8286	9.9
...	3.611	-21.445	-5	...	...	...	1.047	+44.069	1.00	50.8312	9.5	...	1.580	+21.625	0.70	...	...
...	3.594	-19.765	-3	...	...	...	1.025	-31.020	-5	...	...	...	1.591	+39.316	1.00	50.8318	9.4
...	3.543	-0.581	-4	...	...	...	0.918	+49.070	0.65	...	...	...	1.643	-50.007	-3	...	...
...	3.478	+23.951	-5	M	...	...	0.916	+2.617	-5	Mm	...	...	1.684	-27.826	1.05	51.8287	9.2
...	-3.436	+58.726	-5	M	...	...	-0.887	+55.889	-5	Mm	...	...	+1.719	-16.832	1.00	51.8288	9.2
...	3.420	+2.916	-4	M	...	...	0.824	-34.533	0.70	...	...	...	1.731	-56.058	-4	...	...
...	3.353	+26.121	-5	M	...	...	0.675	-36.090	1.10	51.8279	9.4	...	1.784	+46.958	0.80	50.8319	9.9
...	3.280	+1.965	-5	Mm	...	...	0.521	-54.325	-5	...	...	...	1.806	+58.380	1.10	49.8338	9.2
...	3.230	+3.661	0.80	50.8303	10.0	...	0.471	+44.533	-4	...	...	...	1.898	-12.427	1.00	51.8289	9.6
104I	...	...	...	...	...	110I	...	...	...	...	...	116I	...	...	...	...	...
*	-3.195	+57.957	1.20	49.8323	9.4	...	-0.447	+48.176	-2	...	...	...	+1.928	-6.805	-4	...	...
...	3.076	+45.669	-5	M	...	...	0.409	-59.508	1.00	51.8280	9.6	...	1.950	-5.159	-5	...	...
...	3.044	-50.819	-4	...	...	...	0.377	-52.447	-3	...	...	...	1.952	-47.649	0.85	...	...
...	3.031	-57.457	-3	...	...	...	0.354	+34.193	-3	...	...	...	1.959	-7.250	1.00	51.8290	9.4
...	2.997	+58.276	-4	M	...	...	0.307	+7.326	-5	Mm	...	...	2.038	+55.246	-5	m	...
...	-2.990	-43.180	-5	p	...	...	-0.223	-10.235	-4	...	...	...	+2.097	-59.117	-5	...	...
...	2.935	-30.895	0.75	51.8272	10.0	...	0.219	+14.735	-5	Mm	...	...	2.162	-0.649	-4	...	...
...	2.852	+47.436	-3	...	...	...	0.133	+26.710	-5	m	...	...	2.169	+2.300	-5	Mm	...
...	2.792	+12.234	-4	Mm	...	...	0.073	-50.108	-2	...	...	...	2.177	-16.173	-5	p	...
...	2.784	+37.114	-3	...	...	...	0.009	-22.346	-5	...	...	...	2.211	+14.060	-3	Bm	...

Co-ordinates.						Diam.	C.P.D.			Co-ordinates.						Diam.	C.P.D.																		
Notes.	x.		y.			-3.	No.	Mag	Notes.	x.		y.			-3.	No.	Mag	Notes.	x.		y.			-3.	No.	Mag									
1171-1230												1231-1290												1291-1350											
I17I	+	2.27I	+	5.646	-5	Mm	...	...	I23I	+	5.202	+	26.036	0.90	50.8327	9.8	...	I29I	+	8.440	-42.293	-5	...	...	...	...									
...	...	2.380	+	51.046	0.95	50.8320	9.6	...	n	...	5.269	+	10.26I	0.90	50.8328	9.2	...	*	...	8.460	+	49.303	1.10	50.8333	9.8	...									
...	...	2.414	-48.570	-2	...	...	...	...	...	...	5.325	+	41.85I	-3	...	...	...	...	...	8.535	+	36.683	-5	m	...	...									
*	...	2.425	+	20.960	1.00	50.832I	9.7	n *	...	...	5.414	+	10.254	1.05	50.8328	9.2	...	...	...	8.584	+	44.996	-5	m	...	...									
...	...	2.457	-44.297	-5	...	...	...	...	...	...	5.464	+	9.709	-4	a	...	...	...	*	...	8.600	-	0.502	1.20	50.8335	9.2									
...	+	2.460	+	16.508	-5	Mm	...	...	...	+	5.603	+	28.882	-3	...	...	...	...	...	+	8.60I	+	38.33I	1.00	50.8334	9.8									
...	...	2.556	-25.175	-4	...	...	...	...	...	...	5.633	+	45.704	-4	...	...	...	...	...	...	8.63I	-	8.105	0.70	...	...									
...	...	2.565	-38.187	-5	...	...	...	...	...	...	5.635	+	58.304	-5	...	...	...	...	...	...	8.827	+	58.452	-5	...	...									
...	...	2.614	-38.284	-5	...	...	...	...	...	...	5.639	+	13.922	-4	m	...	...	...	...	...	8.829	+	32.394	-4	...	...									
*	...	2.68I	-42.777	1.00	51.8292	9.6	...	...	...	...	5.667	-49.364	-1	...	...	...	...	...	...	...	8.880	+	18.213	-3	...	...									
I18I	+	2.716	-45.013	0.85	51.8293	10.0	...	...	I24I	...	+	5.677	+	38.194	-3	...	...	...	I30I	+	8.890	-58.664	1.90	51.8307	8.6	...									
...	...	2.736	+	57.26I	-3	...	...	...	...	...	5.718	-35.884	-3	...	...	...	...	...	...	...	8.952	-53.836	-5	...	...										
...	...	2.867	-20.20I	-5	...	...	...	...	...	...	5.78I	+	37.26I	0.75	...	...	...	...	...	...	9.019	-17.950	-4	...	...										
...	...	2.892	-54.05I	-5	...	...	...	...	*	...	5.874	+	56.406	1.00	49.8347	9.7	...	...	...	...	9.06I	-33.214	-3	...	...										
*	...	2.975	-27.044	1.00	51.8294	9.4	...	...	...	...	5.926	+	46.382	-3	...	...	...	...	...	...	9.113	-58.668	-5	...	...										
...	+	3.033	-42.963	-4	...	...	...	...	...	+	5.987	+	56.035	-3	...	...	...	...	...	+	9.115	-	0.435	-5	p	...									
...	...	3.077	+	25.185	-5	...	...	...	...	...	6.072	+	13.494	-2	...	...	...	...	...	...	9.20I	-	4.73I	-5	...	...									
†	...	3.100	+	14.853	-5	m	...	...	*	...	6.208	-58.032	1.05	51.8300	9.6	*	...	...	...	...	9.288	-	7.206	1.00	51.8309	9.8									
...	...	3.10I	-11.082	-5	...	...	...	...	*	...	6.317	+	9.598	1.00	50.8329	9.7	...	...	...	...	9.302	-16.668	-2	...	...										
...	...	3.133	+	8.092	-4	...	...	...	...	...	6.34I	-49.244	-4	...	...	...	...	...	...	...	9.430	-55.884	-2	...	...										
I19I	+	3.178	-18.053	1.00	51.8295	9.4	...	...	I25I	...	+	6.399	+	47.126	-3	...	...	...	I31I	+	9.452	-26.533	-5	...	...	...									
*	...	3.218	+	55.003	-2	...	...	...	...	...	6.504	+	52.912	-3	...	...	...	...	...	...	9.510	-29.162	-3	...	...	...									
*	...	3.220	+	35.81I	1.00	50.8322	9.4	...	...	...	6.510	-42.574	-5	...	...	...	...	...	...	...	9.590	+	44.602	-2	...	...									
...	...	3.244	+	25.430	-5	d	...	...	...	...	6.622	+	43.875	-5	...	...	...	...	...	...	9.607	-	7.32I	-5	p	...									
...	...	3.363	-	0.460	-5	...	...	...	...	...	6.658	+	40.343	0.70	...	...	...	...	...	...	9.645	+	22.626	-5	m	...									
...	+	3.385	+	31.102	-2	...	...	...	...	+	6.727	+	54.069	0.70	...	...	...	...	...	+	9.647	-	3.704	-5	...	...									
a	...	3.410	+	0.038	-1	50.8323	10.0	...	...	...	6.76I	+	10.035	-5	m	...	...	...	†	...	9.742	+	41.342	-5	m	...									
...	...	3.478	-	1.058	0.70	...	...	...	...	...	6.767	+	40.012	-5	m	...	...	...	†	...	9.792	-21.708	-5	...	...	...									
...	...	3.543	+	37.107	-2	...	...	...	...	...	6.939	-44.365	-5	p	...	...	...	...	...	...	9.848	-25.380	-4	...	...	...									
...	...	3.559	+	20.334	-5	m	...	...	...	...	6.956	+	15.527	-4	m	...	...	...	...	...	9.880	-46.082	-5	...	...	...									
I20I	+	3.579	+	38.430	0.70	...	...	...	I26I	...	+	7.00I	+	29.470	-3	...	...	...	I32I	+	9.888	-47.94I	-5	...	...	...									
...	...	3.622	-25.305	-5	...	...	...	...	...	...	7.06I	+	28.818	-4	m	...	...	...	...	...	9.969	+	46.252	0.70	...	...									
...	...	3.629	+	40.01I	-5	m	...	...	...	...	7.138	+	28.209	-4	...	...	...	...	...	...	9.974	-45.754	0.95	51.831I	9.9										
...	...	3.653	-22.525	-5	...	...	...	...	...	...	7.252	-14.340	-5	...	...	...	...	...	†	...	9.986	+	39.869	-5	...	...									
...	...	3.790	-59.375	1.00	51.8296	10.0	...	...	...	...	7.290	+	40.928	-2	...	...	...	...	...	...	9.987	-12.592	0.80	51.8310	9.9										
...	+	3.83I	-50.966	-3	...	...	...	...	...	+	7.325	+	27.412	-5	m	...	...	...	...	+	10.020	-10.274	-5	...	...	...									
...	...	3.864	+	0.235	-5	m	...	...	...	...	7.332	-58.206	0.90	51.830I	9.9	...	...	...	...	...	10.044	-57.965	-5	...	...										
...	...	3.963	+	15.424	0.80	...	...	...	...	...	7.415	-37.304	0.90	51.8302	9.9	...	...	...	...	...	10.046	-53.730	0.75	...	...										
...	...	3.982	+	33.66I	-5	m	...	...	...	...	7.418	-58.830	0.65	...	...	...	...	...	...	...	10.098	+	47.110	0.80	50.8336	10.0									
...	...	4.057	-	1.745	-4	...	...	...	...	...	7.528	+	39.127	-5	...	...	...	*	...	...	10.132	-56.433	1.00	51.8312	9.9										
I21I	+	4.083	-44.896	-5	...	...	...	...	I27I	...	+	7.547	+	22.103	-4	m	...	...	I33I	+	10.214	+	5.808	1.00	50.8337	9.6									
...	...	4.133	+	37.646	-5	m	...	...	...	...	7.558	-23.016	0.85	51.8303	10.0	...	...	...	...	...	10.23I	-23.086	0.70	...	...										
...	...	4.134	-10.413	-3	...	...	...	...	...	...	7.606	+	16.564	-5	m	...	...	...	...	...	10.267	-12.628	-5	...	...										
...	...	4.166	-50.674	-5	...	...	...	...	...	...	7.646	-33.715	-2	...	...	...	...	...	...	...	10.298	+	21.088	-3	...	...									
...	...	4.213	+	58.857	-5	m	...	...	...	...	7.70I	-29.45I	0.85	51.8304	10.0	...	...	...	...	...	10.302	+	24.365	-2	...	...									
...	+	4.269	+	41.05I	-5	m	...	...	...	+	7.707	-20.406	-4	...	...	...	...	...	...	+	10.325	+	12.032	0.90	50.8338	9.8									
...	...	4.325	+	2.500	-3	b	...	...	...	...	7.758	-31.805	-5	...	...	...	*	...	...	...	10.329	+	35.145	1.00	50.8339	9.5									
...	...	4.339	-	2.666	-3	...	...	*	...	...	7.762	+	49.175	1.10	50.833I	9.5	...	...	...	...	10.362	+	27.756	-5	m	...									
*	...	4.353	+	51.703	1.10	50.8324	9.4	...	...	...	7.767	+	49.592	1.00	50.8330	9.7	...	...	...	...	10.414	+	51.790	-3	...	...									
...	...	4.428	+	30.932	-5	m	...	...	...	...	7.837	-	9.522	-2	...	...	...	...	...	...	10.420	+	19.773	-5	m	...									
I22I	+	4.525	+	39.542	-2	...	...	...	I28I	†	+	7.838	-15.016	-4	...	...	...	I34I	+	10.516	+	51.623	-2	50.8340	10.0										
...	...	4.624	-48.132	-5	...	...	...	...	...	...	8.020	+	47.35I	-5	m	...	...	...	...	...	10.594	+	26.276	0.70	...	...									
...	...	4.66I	-	2.029	-5	p	...	...	...	...	8.07I	-21.750	-2	...	...	...	...	...	...	...	10.633	-39.315	-1	...	...										
†	...	4.677	-44.802	-5	...	...	...	...	...	...	8.140	-40.575	-3	...	...	...	...	...	...	...	10.650	-21.645	-2	...	...										
...	...	4.685	+	6.184	-5	m	...	...	...	...	8.218	-	2.095	-5	...	...	...	...	...	...	10.684	+	17.963	-5	m	...									
†	+	4.78I	-15.176	-3	...	...	...	...	...	+	8.246	-33.325	-3	...	...	...	...	...	...	+	10.71I	-	1.443	-2	...	...									
...	...	4.83I	-16.352	0.70	51.8297	10.0	...	...	...	...	8.310	-38.660	0.95	51.8306	10.0	*	...	...	...	...	10.716	+	5.145	1.30	50.834I	9.3									
*	...	5.009	+	50.564	1.10	50.8325	9.4	...	...	...	8.340	+	7.14I	0.90	50.8332	9.8	...	...	...	...	10.77I	+	34.690	-5	m	...									
...	...	5.172	-23.442	1.00	51.8298	9.6	...	...	...	...	8.388	+	8.687	-4	m	...	...</																		

1232, 1234. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1351-1410						1411-1470						1471-1530					
I35I	+10.893	+50.627	-3	...	...	I41I	+14.370	+45.125	0.90	50.8355	9.9	I47I	+17.740	+46.860	-4	...	...
...	10.893	+47.817	-5	...	...	...	14.374	+59.043	-5	m	...	...	17.756	+18.798	-5	m	...
*	10.905	+47.708	1.00	50.8343	9.4	...	14.390	+21.694	-4	...	...	*	17.774	+59.128	1.20	49.8372	9.5
*	10.915	-43.169	0.90	51.8313	9.9	...	14.550	-7.687	-5	p	...	...	17.884	-38.666	-5	...	...
...	10.923	+34.984	0.85	50.8342	9.8	*	14.570	+20.705	1.05	50.8356	9.3	...	17.892	+21.789	-5	m	...
...	+10.952	+40.499	0.85	...	...	...	+14.656	+38.069	0.85	50.8357	10.0	...	+17.892	-51.938	-4	...	...
...	11.024	+21.275	0.80	50.8344	9.9	†	14.803	+52.910	1.40	50.8358	9.0	*	18.209	+52.928	1.10	50.8368	9.4
*	11.043	+22.370	1.00	50.8345	9.4	...	14.834	-15.615	-5	...	...	...	18.322	-27.862	-4	...	...
...	11.054	-24.158	-4	...	...	...	14.865	-0.357	-5	...	...	...	18.335	+6.859	-3	a	...
...	11.091	-52.132	-5	...	...	...	15.015	+43.198	0.85	50.8359	10.0	*	18.343	+43.977	1.00	50.8369	9.8
I36I	+11.275	-13.596	1.00	51.8314	9.6	I42I	+15.126	+52.124	-2	...	...	I48I	+18.390	-12.032	-5	...	...
*	11.287	-55.981	-1	51.8316	10.0	...	15.130	+38.281	-1	50.8360	10.0	...	18.463	-48.868	0.70	...	...
...	11.309	-35.987	-4	...	...	...	15.194	-21.628	-5	p	...	...	18.530	+30.390	-4	m	...
...	11.396	+3.725	-4	m	...	*	15.230	-48.268	1.00	51.8325	9.8	...	18.591	+45.650	-4	...	...
...	11.460	+42.492	-5	...	...	...	15.232	-28.861	-5	...	...	...	18.681	+40.718	-4	...	...
...	+11.493	+55.542	-5	m	...	...	+15.258	+23.983	-3	...	...	...	+18.718	-45.646	-2	...	...
*	11.499	-8.718	1.90	51.8318	8.6	...	15.337	+1.260	-5	m	...	...	18.758	+26.286	-2	...	...
...	11.504	+21.540	-5	m	...	...	15.363	+31.760	-4	m	...	...	18.768	+37.858	0.90	50.8370	10.0
*	11.543	-16.331	1.00	51.8317	9.6	...	15.420	+43.029	-5	m	...	†	18.843	-29.955	0.70	51.8329	9.9
*	11.650	+53.348	1.80	50.8347	8.8	...	15.422	+9.365	0.75	...	...	...	18.861	+35.751	0.70	50.8373	10.0
I37I	+11.655	+1.477	-3	b	...	I43I	+15.433	+42.159	-5	m	...	I49I	+18.896	+28.649	-5	m	...
...	11.691	+51.389	-2	50.8346	10.0	*	15.492	+58.974	1.90	49.8368	8.6	...	18.925	+34.604	-5	m	...
...	11.696	-31.497	-2	...	...	...	15.615	+22.636	-4	...	...	...	18.953	+45.452	-3	...	...
...	11.704	-40.982	-5	...	...	...	15.758	-51.152	-5	...	...	*	18.970	+26.664	1.00	50.8371	9.7
...	11.741	-1.038	-5	...	...	...	15.841	-30.725	-5	...	...	...	19.046	+37.526	0.65	50.8372	10.0
*	+11.834	+26.545	1.00	50.8348	9.8	...	+15.956	-53.848	-5	...	...	...	+19.097	-0.343	-5	...	...
...	11.914	+21.125	-5	m	...	...	15.959	+6.772	-4	m	...	*	19.128	-22.675	1.00	51.8330	9.6
...	11.973	-55.065	-1	...	...	...	16.007	-38.178	-5	...	...	...	19.187	+50.640	-4	...	...
...	12.129	+42.985	0.70	50.8349	10.0	*	16.100	-30.686	1.00	51.8326	9.4	...	19.224	+33.408	-5	m	...
*	12.142	-3.301	1.00	50.8351	9.6	...	16.175	-12.860	-2	...	...	*	19.245	+7.743	1.00	50.8374	9.7
I38I	+12.213	+11.036	1.00	50.8350	9.6	I44I	+16.216	+39.014	-3	...	...	I50I	+19.253	+6.100	-4	m	...
...	12.216	-6.541	-4	...	...	...	16.229	+25.679	-5	...	...	...	19.286	+13.214	-4	m	...
...	12.486	-8.073	-5	...	...	*	16.289	+5.167	1.40	50.8361	8.8	...	19.340	+0.140	-2	a	...
*	12.612	+58.081	1.00	49.8359	9.6	...	16.299	-14.338	-5	...	...	...	19.404	+3.501	0.70	...	...
...	12.649	+33.607	-4	...	...	...	16.412	+43.787	-4	m	...	*	19.440	-16.770	0.90	51.8331	9.8
...	+12.787	+35.203	-4	m	...	*	+16.521	-10.240	1.20	51.8327	9.2	*	+19.556	-13.584	1.00	51.8333	9.6
...	12.909	+17.076	0.80	...	...	†	16.606	+24.868	0.95	50.8362	9.9	...	19.619	-7.756	0.75	...	...
...	12.912	+1.141	0.70	...	...	...	16.687	+40.243	0.95	50.8363	9.9	...	19.625	-6.889	0.75	51.8332	10.0
*	13.058	-6.091	1.05	51.8321	9.2	...	16.728	-21.355	-4	...	...	...	19.625	-26.503	-5	...	...
...	13.072	+36.633	-3	...	...	...	16.737	+22.571	-5	...	...	...	19.657	+24.309	-5	m	...
I39I	+13.094	-53.121	-3	...	...	I45I	+16.776	-13.946	-5	...	...	I51I	+19.748	-33.947	-3	...	...
...	13.101	-40.603	0.85	51.8322	9.8	...	16.781	+2.090	-4	m	...	†	19.805	-17.504	1.00	51.8334	9.4
...	13.117	-20.329	-3	...	...	...	16.789	+27.391	0.80	...	...	...	19.884	-36.568	-3	...	...
...	13.161	-22.452	-2	...	...	...	16.820	+22.854	-5	m	...	*	19.916	-2.180	1.20	50.8377	9.3
...	13.165	+32.963	-3	...	...	...	16.857	+46.420	-5	m	...	...	19.937	-11.351	-5	...	...
†	+13.169	-59.843	1.00	51.8323	9.6	*	+16.894	+50.702	1.00	50.8364	9.8	...	+19.998	-34.646	0.65	...	...
...	13.203	+52.476	-1	50.8352	10.0	...	16.933	+29.728	-5	m	...	*	20.016	+43.008	0.95	50.8375	9.8
...	13.246	+3.889	-5	m	...	*	17.091	-51.546	1.00	51.8328	9.6	...	20.033	+35.550	1.00	50.8376	9.8
...	13.323	-41.394	-5	...	...	...	17.133	+0.850	0.70	...	...	†	20.065	+14.939	2.00	50.8378	8.5
...	13.387	+43.679	-2	...	...	...	17.139	+40.298	-5	...	...	†	20.203	+59.739	-5	...	...
I40I	+13.484	+29.700	0.90	50.8353	9.7	I46I	+17.185	+45.676	0.95	50.8365	9.8	I52I	+20.357	-5.822	-5	...	...
...	13.519	-44.608	-5	...	...	*	17.296	+57.805	1.10	49.8370	9.4	...	20.381	+12.364	-5	m	...
...	13.571	+16.929	-5	m	...	...	17.308	+35.994	-3	...	...	†	20.396	+24.889	-3	...	...
...	13.629	+14.464	-5	m	...	...	17.371	+57.799	-3	...	...	...	20.409	-38.828	0.80	...	...
...	13.765	+27.025	-5	m	...	...	17.492	-8.210	-4	...	...	...	20.411	-1.786	0.90	50.8379	10.0
...	+14.076	+2.107	-5	m	...	...	+17.567	-23.789	-5	p	...	...	+20.481	-35.597	-5	...	...
...	14.198	-15.439	-5	...	...	*	17.647	-4.475	0.90	50.8367	9.9	...	20.656	+30.790	-5	m	...
...	14.203	+39.899	0.75	50.8354	10.0	...	17.690	-31.155	-4	...	...	...	20.686	+14.096	0.90	50.8380	9.8
...	14.269	-42.327	-5	...	...	...	17.711	+27.833	-5	m	...	*	20.723	-55.235	1.05	51.8336	9.6
...	14.325	-47.231	0.90	51.8324	9.8	*	17.712	+22.205	1.20	50.8366	9.2	...	20.752	-51.319	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag		x.	y.		No.	Mag		x.	y.		No.	Mag
1531-1590						1591-1650						1651-1710					
I53I	...	...	...	...	...	I59I	...	...	...	...	...	I65I	...	...	...	...	...
...	+20.783	+2.458	-5	m	...	...	+23.653	+59.611	-5	...	...	...	+26.449	-6.745	-4	...	...
...	20.897	+37.939	-5	m	...	*	23.726	+2.387	1.00	50.8387	9.4	...	...	26.510	-6.497	-4	...
...	20.971	+17.552	0.70	50.8381	10.0	...	23.747	-41.398	-5	...	...	...	...	26.533	+43.924	-4	m
...	20.989	-5.605	-2	...	...	...	23.760	+39.089	-3	...	...	...	...	26.541	-40.401	-4	...
...	20.991	-14.376	-2	...	...	...	23.787	-6.336	-3	...	...	...	...	26.546	+13.526	0.70	...
...	+21.061	+29.205	-4	m	...	*	+23.795	+25.344	2.00	50.8386	8.6	...	...	+26.602	+38.992	-4	m
...	21.176	+28.183	-3	...	...	...	23.811	-0.833	-5	...	...	...	...	26.674	+33.123	-4	...
...	21.180	-3.847	-2	...	...	†	23.839	+14.813	-2	...	...	...	...	26.716	-20.609	-4	...
...	21.208	-15.522	-5	...	...	...	23.883	-0.477	-3	...	...	...	...	26.735	+26.457	0.90	50.8397
...	21.378	-53.535	-5	...	...	...	23.929	+5.115	-3	...	...	...	...	26.821	+5.991	1.00	50.8399
I54I	...	...	...	...	...	I60I	...	...	...	...	...	I66I	...	...	...	...	...
...	+21.477	+55.716	-4	...	...	...	+23.986	-12.835	-5	...	...	...	...	+26.836	+24.333	-5	m
...	21.515	-13.721	0.75	51.8337	10.0	...	24.011	-49.857	-5	...	...	...	...	26.842	+52.849	-5	m
...	21.526	+45.006	-5	m	...	...	24.029	-9.722	-5	...	...	...	...	26.885	-43.565	-2	...
...	21.545	+42.270	-4	...	...	...	24.114	-12.713	0.85	51.8349	10.0	...	...	26.886	-28.646	0.70	...
...	21.553	-26.766	-5	...	...	...	24.247	-31.112	-5	...	...	*	...	26.918	+16.287	1.10	50.8398
...	+21.561	-12.318	-5	...	...	...	+24.253	-24.272	-4	...	...	...	...	+26.940	-46.022	-3	...
...	21.565	-14.385	-2	...	...	...	24.301	-43.301	0.75	51.8350	10.0	*	...	26.968	-46.593	1.00	51.8361
...	21.567	+59.579	-5	...	...	...	24.353	-34.345	-2	...	...	*	...	27.011	-6.301	1.40	51.8359
...	21.600	+43.296	-5	...	...	...	24.418	-8.831	-5	...	...	...	...	27.022	-49.726	0.70	...
...	21.671	-6.404	1.35	51.8338	9.0	...	24.464	-5.013	-1	50.8389	10.0	...	...	27.094	-31.995	-4	...
I55I	...	...	...	...	...	I61I	...	...	...	...	...	I67I	...	...	...	...	...
...	+21.729	+5.118	1.00	50.8382	9.8	*	+24.500	+52.770	2.00	50.8388	8.5	...	...	+27.100	-44.123	-5	p
...	21.732	-9.717	-5	...	...	...	24.511	+4.507	0.70	...	...	...	...	27.127	-10.720	0.70	51.8360
...	21.791	+33.006	-4	m	...	*	24.523	-26.097	1.10	51.8351	9.4	...	...	27.147	+25.171	-3	...
...	21.844	+50.288	-5	m	...	...	24.537	-37.281	0.80	51.8352	10.0	...	...	27.150	-56.242	0.65	51.8363
...	21.898	-11.588	-5	...	...	...	24.574	-29.059	-5	...	...	*	...	27.179	-50.506	1.30	51.8362
...	+21.900	-11.972	-5	...	...	†	+24.700	-44.853	1.00	51.8353	9.4	...	...	+27.181	+53.364	-5	m
...	21.931	-43.570	0.90	51.8339	10.0	...	24.798	-43.620	-2	...	...	...	...	27.186	+9.982	0.70	...
...	21.956	-3.590	-5	...	...	...	24.866	+27.388	-4	...	...	...	...	27.223	-3.390	0.70	...
...	22.016	-22.615	-5	...	...	...	24.882	+18.498	-4	m	...	...	...	27.231	+41.803	-5	m
...	22.053	-13.658	-5	...	...	...	24.983	-7.891	-2	...	...	...	...	27.361	-52.806	-3	...
I56I	...	...	...	...	...	I62I	...	...	...	...	...	I68I	...	...	...	...	...
...	+22.103	+19.677	0.70	50.8383	10.0	*	+24.985	+5.523	1.00	50.8390	9.7	...	...	+27.400	-56.252	-3	...
...	22.213	-5.614	-2	...	...	*	25.002	-34.233	1.00	51.8354	9.6	...	...	27.422	-21.558	-3	...
...	22.245	+53.843	-3	...	...	...	25.003	-43.425	-5	...	...	...	...	27.550	+4.797	-3	...
...	22.255	-33.552	0.70	51.8341	10.0	...	25.018	+52.930	1.00	...	...	†	...	27.550	-0.042	-3	...
...	22.271	-57.169	1.00	51.8342	9.6	...	25.195	-7.370	-5	p	...	S *	...	27.601	+51.231	2.85	50.8400
*	+22.272	-18.575	1.00	51.8340	9.4	...	+25.359	-4.903	0.70	50.8392	10.0	...	...	+27.622	-6.823	-5	...
*	22.333	+45.795	1.00	50.8384	9.5	...	25.361	-49.865	0.90	51.8355	10.0	...	...	27.653	+26.609	-5	m
...	22.413	+31.365	-5	m	...	...	25.467	-12.236	-5	...	...	*	...	27.690	-27.838	1.00	51.8364
...	22.429	-55.700	0.70	...	...	...	25.514	+19.638	-4	...	...	...	...	27.699	+42.085	-4	...
...	22.494	-51.322	-5	...	...	...	25.523	+46.309	0.95	50.8391	9.9	...	...	27.739	-11.427	-4	...
I57I	...	...	...	...	...	I63I	...	...	...	...	...	I69I	...	...	...	...	...
*	+22.580	-30.162	1.80	51.8343	8.8	...	+25.532	+3.114	-5	m	...	*	...	+27.761	+2.951	1.00	50.8402
...	22.600	+36.023	-2	...	...	...	25.553	+7.931	-5	m	...	...	...	27.779	+18.889	0.70	...
...	22.715	-31.107	-5	...	...	...	25.556	+9.378	-2	...	...	†	...	27.787	+19.887	-5	m
...	22.827	-13.930	0.90	51.8345	10.0	*	25.573	-47.202	0.95	51.8357	10.0	...	...	27.862	+4.073	-5	m
...	22.852	-9.496	0.95	51.8344	9.9	...	25.614	+15.006	-4	...	...	...	...	27.865	-12.125	-2	...
*	+22.859	-41.875	0.90	51.8346	9.9	*	+25.617	-39.742	1.40	51.8356	9.0	...	...	+27.905	-31.741	0.70	...
...	22.874	+10.962	-3	...	...	...	25.619	32.346	0.80	...	...	...	...	27.948	-50.155	-5	...
*	22.877	+52.874	1.10	50.8385	9.4	...	25.682	+5.711	-5	m	...	...	...	27.952	+1.960	-4	m
...	22.927	+55.014	-5	m	...	...	25.740	-49.509	-5	...	...	...	...	27.964	+53.841	0.75	50.8401
*	23.039	-43.494	1.05	51.8347	9.6	...	25.775	+45.467	0.95	50.8393	10.0	*	...	27.982	+11.082	1.00	50.8403
I58I	...	...	...	...	...	I64I	...	...	...	...	...	I70I	...	...	...	...	...
...	+23.048	+32.798	-4	...	...	...	+25.844	-3.173	0.80	50.8394	10.0	...	...	+27.997	-17.946	-3	...
...	23.063	-43.309	-5	p	...	...	25.969	-46.628	-4	...	...	*	...	28.092	+27.932	1.20	50.8404
...	23.111	+4.450	-5	m	...	...	25.977	+13.254	-4	m	...	...	...	28.138	+10.896	-2	...
...	23.229	-53.287	-4	...	...	...	26.087	+36.145	-4	m	...	...	...	28.206	-18.042	-4	...
...	23.339	+55.177	-5	m	...	...	26.104	-38.499	-5	...	...	*	...	28.216	-40.816	1.00	51.8365
S *	+23.421	-38.062	1.45	51.8348	8.8	...	+26.121	+31.776	-5	m	...	...	...	+28.306	+12.196	-3	...
...	23.484	+25.511	-3	...	...	*	26.172	-37.408	1.00	51.8358	9.9	...	...	28.316	+32.674	-5	m
...	23.496	-5.900	-5	...	...	*	26.337	+17.798	1.00	50.8395	9.7	...	...	28.318	+44.663	0.70	...
...	23.611	+32.933	-2	...	...	...	26.338	-20.896	-2	...	...	...	...	28.495	-43.143	-4	...
...	23.622	+47.880	-5	m	...	*	26.404	-0.920	1.60	50.8396	8.8	...	...	28.498	+13.062	-4	m

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1711-1770						1771-1830						1831-1890					
1711	+28°563	-5°958	-3	...	...	1771	+31°149	+25°699	-4	...	...	1831	+33°826	-41°759	-3	...	...
...	28°571	-28°966	-2	...	...	*	31°178	+31°526	1°00	50.8413	9·4	*	33°835	+57°242	1°90	49.8417	8·6
...	28°602	+58°482	-5	...	...	...	31°240	-27°654	-5	...	...	*	33°887	-36°970	1°00	51.8379	9·8
...	28°608	-42°799	-5	p	...	...	31°275	+26°579	-2	...	...	...	33°941	+34°966	-5	m	...
...	28°615	+1°356	-5	m	...	...	31°315	-33°407	-5	...	...	...	33°941	-49°563	-5	...	...
†	+28°642	+9°838	0·90	50.8405	9·9	...	+31°416	+14°155	0·70	...	...	...	+33°971	-44°673	0·90	...	...
+	28°697	-19°527	-5	...	...	...	31°463	+3°579	0·85	50.8415	10·0	...	34°010	-45°502	-5	...	...
...	28°700	+0°560	-3	...	...	...	31°484	-45°483	-5	...	...	...	34°104	+0°086	-3	β	...
...	28°822	-39°340	-5	...	...	...	31°496	-50°092	-4	...	...	...	34°125	-26°003	-3	...	...
...	28°852	+29°889	-4	m	...	...	31°573	+33°668	0·85	50.8414	10·0	...	34°132	+51°528	-5	...	...
1721	+28°934	+30°463	-5	m	...	1781	+31°649	+24°184	0·80	...	...	1841	+34°147	-8°445	-5	...	...
...	28°962	-31°360	0·70	...	...	...	31°658	+4°754	-5	m	...	...	34°292	+0°378	-3	...	...
...	28°994	+10°669	-5	m	...	...	31°661	-33°184	-5	...	...	...	34°387	-31°226	-5	...	...
...	29°074	+43°070	0·65	...	...	...	31°692	+35°374	-5	m	...	...	34°415	-47°102	-5	...	...
...	29°093	-34°701	-5	...	...	...	31°737	-13°950	-4	...	...	...	34°450	-27°767	0·75	...	...
...	+29°120	+23°886	-4	...	...	...	+31°743	+52°374	-5	...	...	...	+34°469	+7°792	-2	...	...
...	29°134	-34°447	-5	p	...	...	31°746	+15°708	-5	m	...	...	34°622	+48°850	0·70	50.8422	10·0
*	29°142	-31°240	1·20	51.8366	9·2	...	31°772	+50°863	-3	...	...	†	34°696	-33°960	-4	...	...
...	29°206	+23°716	-5	m	...	...	31°779	-23°811	-2	...	...	†	34°702	-13°698	0·65	...	...
...	29°299	-28°386	-5	...	...	...	31°799	+2°340	-5	m	...	†	34°719	-14°024	0·85	51.8380	10·0
1731	+29°315	-17°447	-3	...	...	1791	+31°814	+42°923	-5	m	...	1851	+34°770	-53°440	0·65	...	...
...	29°428	+6°461	-3	...	...	...	31°825	-44°005	-2	...	...	...	34°941	+18°521	-1	...	...
...	29°432	-47°600	0·90	...	...	...	31°870	+10°225	-5	m	...	...	35°097	-24°327	-5	...	...
...	29°471	-23°874	-5	...	...	...	31°905	-23°175	0·70	...	...	...	35°152	-15°451	-3	...	...
...	29°533	+51°175	-5	...	...	*	31°909	-5°588	1°00	51.8372	9·6	...	35°161	+14°798	-5	m	...
...	+29°591	-6°713	-4	...	...	*	+31°972	+50°449	1°30	50.8416	9·0	*	+35°165	-30°815	1·20	51.8381	9·0
...	29°595	+23°805	-5	m	...	*	32°040	-16°710	1°00	51.8373	9·6	...	35°182	-8°005	-3	...	...
...	29°596	+23°754	0·85	...	...	...	32°067	+23°441	0·85	50.8418	9·8	...	35°199	-23°032	-3	...	...
†	29°749	-40°045	-5	...	...	...	32°162	+39°611	0·75	50.8417	10·0	...	35°229	-54°098	-5	...	...
...	29°855	+32°249	0·90	50.8406	10·0	*	32°181	+12°003	1°00	50.8419	9·5	...	35°280	-52°969	-4	...	...
1741	+29°918	-40°503	-5	p	...	1801	+32°407	-39°844	-3	...	...	1861	+35°304	+32°453	-4	...	...
...	29°927	-48°860	-5	...	...	...	32°453	-32°796	0·65	51.8374	10·0	...	35°350	-9°194	-5	...	...
...	29°946	-22°831	-5	...	...	...	32°470	+30°817	0·75	...	...	...	35°388	-48°456	-3	...	...
...	29°948	-56°319	-4	...	...	...	32°483	-14°805	-5	...	...	...	35°614	-46°876	-5	...	...
...	29°953	+20°536	-1	...	...	...	32°513	-45°176	-5	...	...	...	35°643	+30°339	-5	m	...
...	+30°031	+37°339	0·80	50.8407	10·0	...	+32°593	+52°341	-3	...	...	...	+35°693	+44°105	-5	m	...
...	30°038	-42°054	-2	...	...	...	32°601	+21°207	-3	...	...	...	35°734	+7°906	-3	...	...
*	30°057	-0°605	1·25	50.8408	8·9	...	32°628	+31°188	-5	m	...	†	35°749	+49°699	-4	...	...
...	30°150	-0°506	0·80	...	...	...	32°690	-58°946	-2	...	...	...	35°822	-56°869	-2	...	...
†	30°229	-30°036	0·85	51.8367	10·0	...	32°705	-39°547	0·80	...	...	...	35°859	+6°677	0·70	...	...
1751	+30°271	-28°037	-2	...	...	1811	+32°750	-20°328	-5	...	...	1871	+35°872	+54°612	0·65	50.8423	10·0
...	30°282	+19°183	-3	...	...	...	32°778	-6°308	0·85	51.8375	10·0	...	35°955	+38°803	-4	b	...
...	30°459	-29°009	-2	...	...	...	32°815	-51°011	0·95	51.8376	10·0	...	36°009	-49°102	0·80	...	...
*	30°467	-54°531	2·50	51.8370	8·2	...	32°893	-12°810	-5	...	...	...	36°066	-43°779	-5	...	...
...	30°480	-28°589	0·90	51.8368	10·0	...	33°166	-43°644	-5	...	...	...	36°104	+6°347	-4	m	...
...	+30°496	-39°507	-4	...	...	...	+33°191	+12°170	0·90	50.8420	9·8	...	+36°170	-24°490	-4	...	...
...	30°526	+34°700	-5	m	...	...	33°197	-47°166	-5	p	...	...	36°212	-46°214	-4	...	...
...	30°552	-6°507	-5	...	...	*	33°222	-8°899	1°30	51.8377	9·0	...	36°233	+49°418	-2	...	...
*	30°558	-38°555	0·95	51.8369	9·9	...	33°297	-48°754	1°00	51.8378	10·0	*	36°255	+55°175	1·20	49.8425	9·5
...	30°565	+50°467	-5	m	...	...	33°344	-18°096	-5	...	...	...	36°255	-57°669	-2	...	...
1761	+30°655	-2°239	-5	...	...	1821	+33°524	-28°330	-5	...	...	1881	+36°261	-17°793	-5	...	...
...	30°679	-40°897	-3	...	...	...	33°540	-5°898	-5	...	...	†	36°270	+54°728	-3	a	...
...	30°711	-0°432	-4	...	...	...	33°605	-33°435	-2	...	...	*	36°297	-23°152	0·95	51.8382	9·9
*	30°724	+21°752	1·15	50.8409	9·0	...	33°654	-49°050	-5	...	...	n *	36°297	-32°877	1·10	51.8383	9·4
...	30°809	+18°350	0·85	50.8410	9·9	*	33°657	+50°447	1·20	50.8421	9·2	...	36°315	+16°078	-5	m	...
*	+30°821	+59°467	1°00	49.8406	9·7	...	+33°710	-46°670	-5	...	...	...	+36°345	+15°275	0·70	...	...
*	30°850	+20°291	0·95	50.8411	9·7	...	33°733	-28°331	-5	...	...	...	36°358	-12°063	0·75	...	...
*	31°039	+22°089	1°00	50.8412	9·5	...	33°743	-44°143	-5	p	...	...	36°385	-48°606	-5	p	...
...	31°063	-44°011	0·90	...	...	...	33°772	-52°076	-5	...	...	...	36°388	-18°708	-5	...	...
...	31°145	-38°315	-5	...	...	...	33°820	-25°865	-5	...	...	*	36°407	+26°689	1·20	50.8424	9·4

1884, 1891. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
1891-1950						1951-2010						2011-2170					
189I						195I						201I					
n *	+36.465	-32.988	1.00	51.8383	9.4	...	+39.277	-56.620	0.65	...	...	*	+42.070	-16.650	1.05	51.8396	9.4
...	36.478	+17.117	0.70	...	...	...	39.289	+11.550	0.70	...	...	...	42.084	+5.735	-5	m	...
...	36.531	+1.236	-5	m	...	...	39.423	-10.471	0.70	...	...	...	42.150	+9.007	-5	m	...
...	36.564	+43.021	0.90	50.8425	9.9	...	39.432	-42.825	0.65	...	...	...	42.203	-40.011	-5	...	...
...	36.637	+42.874	-4	...	...	...	39.448	-24.156	-4	...	...	...	42.335	-32.265	-5	...	...
...	+36.741	-6.360	-3	...	...	...	+39.458	+11.389	-5	m	...	...	+42.368	+7.045	-5	m	...
...	36.839	+45.485	-4	a	...	...	39.464	-34.546	-4	...	...	...	42.466	+33.072	-5	m	...
...	37.047	+24.474	-5	...	...	*	39.492	+52.536	1.05	50.8434	9.8	...	42.519	+44.619	-5	...	...
...	37.061	-44.900	-5	...	...	...	39.506	+43.487	0.65	...	...	...	42.612	+1.338	0.75	...	...
...	37.121	+46.977	-5	m	...	...	39.528	-7.689	0.70	...	...	...	42.649	-6.097	-5	...	...
190I						196I						202I					
†	+37.135	-25.025	1.40	51.8384	8.8	...	+39.530	+9.680	-5	m	...	...	+42.695	-47.963	-5	...	...
...	37.176	-26.984	-4	...	...	...	39.534	+1.872	-5	m	...	...	42.742	-33.565	-2	...	...
...	37.205	+13.745	-5	m	...	...	39.562	+3.787	-3	b	...	...	42.749	-55.321	-5	...	...
*	37.237	-14.302	1.20	51.8385	9.2	...	39.631	+52.842	0.95	50.8435	9.9	...	42.761	+16.275	-1	...	...
...	37.322	-32.519	-5	...	...	†	39.691	-45.425	-4	...	...	*	42.792	+12.527	0.90	50.8445	10.0
...	+37.526	+10.984	-4	...	...	...	+39.729	-29.549	0.85	51.8388	10.0	...	+43.022	-7.688	-3	...	...
...	37.573	-15.980	-4	...	...	...	39.740	-58.377	-1	51.8389	9.9	...	43.042	+43.820	-1	50.8443	10.0
...	37.606	+9.955	-5	m	...	†	39.782	+58.789	-1	49.8433	9.8	...	43.050	+15.742	-5	...	...
...	37.650	+2.029	-4	m	...	†	39.853	+47.541	1.20	50.8436	9.4	...	43.080	+50.169	-2	50.8444	10.0
...	37.743	-31.827	-4	...	...	...	39.862	+28.415	-3	...	...	...	43.103	-42.136	0.95	51.8400	10.0
191I						197I						203I					
...	+37.746	+28.502	-4	...	...	...	+39.920	-24.747	-5	...	...	...	+43.104	+1.342	0.75	...	...
...	37.809	+34.565	-5	...	...	...	39.951	+16.064	0.75	50.8438	10.0	†	43.176	+34.841	-3	...	...
*	37.825	-26.752	1.00	51.8386	9.6	...	39.960	-37.701	-3	...	...	...	43.182	+9.138	-3	...	...
...	37.922	+13.398	-4	...	...	...	40.165	-48.232	-2	...	...	...	43.277	+36.297	0.95	50.8446	9.7
*	37.927	-3.376	1.00	50.8430	9.8	*	40.294	+50.905	1.45	50.8437	9.0	...	43.405	-52.215	1.00	51.8402	9.9
*	+37.987	+41.661	1.00	50.8426	9.8	...	+40.305	-23.253	-2	...	...	*	+43.432	-49.332	1.30	51.8401	9.0
*	37.996	+28.986	1.00	50.8427	9.8	...	40.437	-49.611	-2	...	...	...	43.443	+17.531	-2	...	...
...	38.006	-11.181	-5	...	...	...	40.488	+32.239	-5	m	...	...	43.481	-18.801	-5	...	...
...	38.144	-27.609	-5	...	...	...	40.522	+5.106	-5	m	...	†	43.579	+4.914	1.00	50.8447	9.6
*	38.158	+13.722	1.20	50.8429	9.4	...	40.734	-15.575	0.80	...	...	...	43.610	-11.453	-5	...	...
192I						198I						204I					
...	+38.167	+2.762	-4	m	...	...	+40.749	+21.451	-2	...	...	...	+43.634	+33.854	-3	...	...
*	38.192	+26.133	1.00	50.8428	9.8	...	40.751	-18.589	-2	...	...	...	43.644	+0.864	-5	m	...
†	38.204	-24.969	0.70	...	...	...	40.843	-26.540	-2	...	...	...	43.659	+47.400	-4	...	...
...	38.230	-43.625	-5	p	...	†	40.856	-30.026	0.70	51.8392	10.0	...	43.779	+31.500	-5	...	...
...	38.278	+11.860	-4	m	...	...	40.906	+29.611	-3	...	...	...	43.787	-12.394	-4	...	...
...	+38.333	+3.682	-5	m	...	...	+40.915	+51.278	-1	50.8439	10.0	...	+43.909	+15.277	-5	m	...
...	38.467	-22.735	-2	...	...	...	40.928	+54.563	-4	...	...	...	43.970	+24.489	-3	...	...
...	38.500	-9.112	-4	...	...	...	40.998	+22.914	-3	...	...	...	43.979	-54.754	-5	...	...
...	38.522	+39.995	-4	a	...	...	41.018	-55.537	-2	...	...	...	44.131	-58.561	1.00	51.8405	9.6
*	38.565	-4.272	1.20	50.8432	9.2	...	41.109	-4.498	-4	...	...	*	44.142	-40.458	1.20	51.8404	9.0
193I						199I						205I					
...	+38.598	-18.101	-3	...	...	...	+41.158	-6.002	0.75	51.8393	10.0	...	+44.263	+8.003	-5	m	...
*	38.622	+7.948	2.30	50.8431	8.4	...	41.215	+42.984	-3	...	...	*	44.288	-57.212	1.25	51.8408	9.4
...	38.647	+1.621	-5	m	...	...	41.295	-1.089	-4	...	...	...	44.367	+24.481	0.85	...	...
...	38.661	+36.313	-3	...	...	...	41.301	+10.163	-5	m	...	...	44.387	-14.507	0.90	51.8403	9.9
...	38.672	+45.691	-5	m	...	...	41.327	-15.591	-4	...	...	...	44.491	-2.534	-5	...	...
...	+38.679	+33.583	-5	m	...	*	+41.419	-5.485	1.10	51.8394	9.9	...	+44.547	-16.720	-2	...	...
...	38.686	+28.668	-3	...	...	*	41.432	-9.173	3.10	51.8395	8.2	†	44.565	-34.676	0.85	51.8407	9.9
...	38.783	-35.128	-5	...	...	...	41.562	+4.087	-2	...	...	†	44.602	-26.624	0.85	51.8406	10.0
...	38.797	+25.800	-5	m	...	...	41.625	+39.414	-1	50.8440	10.0	†	44.628	-4.245	-2	50.8449	10.0
...	38.814	-25.994	-4	...	...	*	41.689	+33.432	1.15	50.8441	9.3	†	44.648	+21.912	0.95	50.8448	9.6
194I						200I						206I					
*	+38.927	-58.896	1.20	51.8387	9.4	...	+41.695	-0.991	-5	...	...	†	+44.663	-33.400	-3	...	...
...	38.977	-46.119	-4	...	...	...	41.781	+39.938	-3	...	...	†	44.718	+1.788	0.80	50.8450	10.0
...	38.998	+18.169	-4	m	...	*	41.788	-50.370	1.15	51.8398	9.4	†	44.721	+16.930	-5	m	...
...	39.002	+1.746	-3	b	...	*	41.795	-43.695	1.00	51.8397	9.2	...	44.768	+11.252	-2	...	...
...	39.006	+13.694	0.90	50.8433	9.9	...	41.811	+19.597	-3	a	...	*	44.873	-47.497	1.20	51.8409	9.4
...	+39.007	-7.293	-5	...	...	*	+41.840	-55.281	1.15	51.8399	9.2	...	+45.070	+43.803	-4	...	...
...	39.111	+25.084	-5	m	...	...	41.929	+38.666	-3	...	...	...	45.072	+30.097	-2	...	...
...	39.127	+29.466	1.00	...	...	...	41.934	-4.984	-5	...	...	†	45.130	+24.854	0.70	...	...
...	39.146	-9.965	-4	...	...	...	41.966	+48.602	-3	...	...	...	45.225	-6.471	-4	...	...
...	39.147	-18.915	-3	...	...	*	41.975	-3.492	1.00	50.8442	9.4	...	45.251	+54.853	-5	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2071-2130						2131-2190						2191-2250					
207I	+45.295	-18.176	-5	...	...	213I	+47.884	+10.074	1.20	50.8460	9.3	219I	+51.271	+30.355	-5	...	...
...	45.315	+42.556	-5	m	...	...	47.985	-1.266	-4	...	...	...	51.274	+7.248	-3	...	...
...	45.433	-39.851	-3	...	...	...	48.036	-9.986	-5	...	...	...	51.321	+43.383	-5	...	...
†	45.602	-10.127	0.70	51.8410	10.0	...	48.204	+2.507	-5	m	...	...	51.333	-45.819	-4	e	...
...	45.642	+43.973	-5	m	...	*	48.287	-21.536	1.00	51.8420	9.6	...	51.363	+43.460	-1	50.8465	9.8
*	+45.669	-30.024	1.30	51.8412	8.8	...	+48.315	-42.664	-1	...	...	...	+51.387	-7.271	0.75	...	...
...	45.744	+0.475	0.75	50.8456	9.9	...	48.434	+11.682	0.90	50.8462	10.0	...	51.471	-34.658	1.00	51.8433	9.6
...	45.747	-58.126	1.00	51.8415	9.6	*	48.467	-22.186	1.30	51.8421	9.2	...	51.487	+32.618	-5	...	...
...	45.765	+21.584	-5	m	...	...	48.479	+30.174	0.85	50.8461	10.0	...	51.523	-53.756	-2	e	...
*	45.787	+7.402	1.10	50.8455	9.4	...	48.501	+53.722	-5	m	...	e	51.605	-55.620	-1	51.8435	10.0
208I	...	...	...	...	...	214I	...	...	...	...	...	220I	...	...	...	...	...
*	+45.807	+15.639	0.95	50.8454	9.8	...	+48.635	-41.763	-5	p	...	...	+51.619	+16.193	-4	...	...
*	45.812	+51.254	1.40	50.8451	9.0	...	48.693	-3.459	-3	...	...	...	51.734	-25.326	0.80	...	...
...	45.848	-15.854	-5	...	...	...	48.722	-4.512	-3	...	...	*	51.793	-2.376	1.00	50.8467	9.8
*	45.863	+21.358	1.20	50.8453	9.3	...	48.728	-28.793	-1	...	...	e	51.809	-41.786	1.00	51.8434	9.9
*	45.909	-22.431	1.00	51.8413	9.6	...	48.730	-9.077	0.70	...	...	...	51.959	-16.894	-5	...	...
...	+45.944	+29.961	-3	...	...	...	+48.792	-21.738	-4	...	...	...	+52.011	-27.229	0.70	...	...
*	45.980	-37.557	1.00	51.8414	9.6	...	48.823	-21.567	-2	...	...	...	52.049	+40.011	-2	...	...
...	45.993	+57.856	-5	m	...	...	48.873	-4.437	-5	...	...	...	52.112	+32.389	-2	...	...
...	45.995	+30.708	0.70	...	...	...	48.917	+28.531	-5	m	...	...	52.130	+21.735	0.90	50.8468	10.0
...	46.005	-4.833	-4	...	...	...	48.961	+5.332	-5	m	...	...	52.164	+0.127	-5	m	...
209I	...	...	...	...	...	215I	...	...	...	...	...	221I	...	...	...	...	...
...	+46.089	-47.412	-3	51.8417	10.0	...	+48.972	-0.723	0.70	...	...	...	+52.166	+56.322	-1	49.8462	9.9
...	46.140	+59.269	-3	...	...	...	48.992	-46.826	-3	...	...	...	52.187	-15.252	-5	...	...
...	46.140	-4.682	-5	...	...	...	49.040	-22.112	0.85	...	...	†	52.193	+29.833	-2	...	...
...	46.289	-20.608	-5	...	...	...	49.040	-51.316	0.65	51.8424	10.0	...	52.223	-17.812	-4	...	...
...	46.306	+22.783	0.90	50.8457	9.8	...	49.085	+33.668	-2	...	...	...	52.295	+3.238	-4	m	...
...	+46.313	-52.548	-1	...	...	*	+49.096	+15.188	1.40	50.8463	8.8	*	+52.325	+8.450	2.00	50.8469	8.4
...	46.320	-48.149	1.00	51.8418	9.8	...	49.105	-14.019	-2	...	...	...	52.354	-57.773	-5	...	...
...	46.324	-54.311	-5	p	...	...	49.266	-17.103	-5	p	...	...	52.405	-8.554	-3	...	...
...	46.414	-22.329	2	...	...	...	49.267	-15.303	-5	p	...	*	52.500	+4.233	0.90	50.8470	9.9
...	46.425	-11.241	-2	...	...	...	49.267	-33.998	-5	p	...	...	52.567	+8.184	-1	...	...
210I	...	...	...	...	...	216I	...	...	...	...	...	222I	...	...	...	...	...
*	+46.431	-10.971	1.00	51.8416	9.6	*	+49.358	-9.480	1.50	51.8423	8.8	e *	+52.580	-34.178	1.20	51.8437	9.2
...	46.435	+54.105	0.95	50.8452	9.8	*	49.377	-6.382	1.00	51.8422	9.6	...	52.611	+46.083	-4	...	...
†	46.439	-54.939	-4	...	...	...	49.431	-33.723	-5	p	...	...	52.635	-56.163	-3	e	...
...	46.488	+57.375	-4	b	...	...	49.456	+21.660	-4	...	...	*	52.664	+59.232	1.20	49.8464	9.4
...	46.612	+47.510	-5	m	...	...	49.468	-46.247	2.00	51.8426	8.4	*	52.883	-6.314	1.05	51.8436	9.4
...	+46.671	-44.193	-5	p	...	...	+49.484	-14.560	-2	...	...	...	+52.892	-56.148	-3	e	...
*	46.675	+33.149	1.15	50.8458	9.4	...	49.495	-4.596	-4	...	...	...	52.910	+41.804	-5	...	...
...	46.730	+7.319	-4	...	...	...	49.497	+58.549	0.85	49.8453	9.8	...	52.933	-24.288	-5	e	...
...	46.733	-58.896	-5	p	...	†	49.655	-7.471	-4	...	...	†	53.018	-50.039	-5	...	...
...	46.750	36.435	-2	...	...	...	49.983	-2.425	0.70	...	...	*	53.041	-0.554	3.00	50.8471	7.8
211I	...	...	...	...	...	217I	...	...	...	...	...	223I	...	...	...	...	...
...	+46.797	-39.797	-4	...	...	...	+50.038	-36.903	1	51.8429	10.0	...	+53.090	+43.566	-5	...	...
...	46.833	-25.669	-5	...	...	...	50.093	-16.385	-3	...	...	...	53.132	-7.973	-5	...	...
...	46.906	-11.326	-4	...	...	...	50.245	-38.933	-1	51.8430	9.9	...	53.181	+17.401	-3	...	...
...	47.032	+45.235	-5	m	...	...	50.249	-56.338	-3	...	...	...	53.302	-25.392	0.80	e	...
...	47.091	+54.867	1.00	49.8446	9.6	...	50.328	-2.883	-5	...	...	e *	53.323	-2.535	1.00	50.8474	9.9
...	+47.177	-8.623	0.70	...	...	...	+50.380	-12.312	0.80	51.8428	10.0	...	+53.337	+11.145	-5	m	...
...	47.181	+25.838	-3	...	...	...	50.479	-46.041	-5	...	...	...	53.368	-28.032	-5	...	...
...	47.189	+26.624	-5	...	...	...	50.533	-53.611	-2	...	...	...	53.439	+21.521	-4	...	...
...	47.211	-46.672	0.75	51.8419	9.9	...	50.627	-34.178	-5	...	...	...	53.631	+37.790	-2	...	...
...	47.225	+34.501	-1	...	...	*	50.640	+40.196	1.00	50.8464	9.8	...	53.635	+37.541	1.00	50.8472	9.7
212I	...	...	...	...	...	218I	...	...	...	...	...	224I	...	...	...	...	...
...	+47.232	-28.646	-4	...	...	...	+50.701	-35.980	-5	...	...	*	+53.709	+33.914	1.25	50.8473	9.2
...	47.238	-37.922	-5	...	...	*	50.850	-17.941	1.45	51.8431	9.0	e *	53.721	-18.684	1.10	51.8438	9.2
...	47.280	-25.304	-5	...	...	...	50.884	+9.511	-4	...	...	...	53.780	-31.125	-5	e	...
...	47.495	-29.750	-5	...	...	...	50.955	-35.397	0.90	51.8432	10.0	...	53.785	+18.670	-3	...	...
...	47.500	+37.765	-5	m	...	...	50.957	+35.626	-5	...	...	...	53.864	+59.103	-1	49.8466	9.8
...	+47.566	-37.073	-5	p	...	...	+51.017	-28.699	-5	...	...	...	+53.884	+2.161	-2	...	...
...	47.648	+14.640	-5	...	...	...	51.055	-2.854	-5	...	...	...	53.903	-9.867	-5	p	...
...	47.656	+15.412	-5	m	...	...	51.112	+21.042	0.80	50.8466	10.0	...	53.903	-37.255	-3	e	...
...	47.682	+13.697	0.90	50.8459	9.9	...	51.144	+11.952	-2	...	...	...	54.044	+12.814	-5	m	...
...	47.814	+21.974	0.65	...	...	...	51.168	+9.322	0.85	...	...	...	54.098	+1.985	-5	e	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2251-2290						2291-2330						2331-2357					
2251	+54.134	+36.313	-3	...	...	2291	+56.421	+49.683	-2	50.8484	10.0	2331	+58.179	+24.782	1.20	50.8494	9.0
...	54.178	+16.786	1.00	50.8475	9.8	...	56.489	-4.087	-5	e	...	...	58.241	-48.679	-2	e	...
...	54.191	-32.406	-5	e	...	...	56.515	-49.653	-5	e	...	...	58.254	-2.130	-5	e	...
...	54.318	-4.191	-5	...	...	ne *	56.578	-31.991	1.70	51.8448	8.2	...	58.285	+36.289	1.20	50.8493	9.2
e	54.352	-46.816	1.00	51.8440	10.0	*	56.583	+55.034	1.50	49.8473	9.0	Se *	58.310	-19.180	3.10	51.8453	7.6
*	+54.386	+17.002	1.10	50.8476	9.4	...	+56.585	-5.251	-4	e	...	...	+58.312	+5.654	-4	...	...
†	54.512	+44.789	-2	...	...	*	56.585	+3.919	1.00	50.8487	9.8	...	58.342	+15.858	1.80	50.8495	8.5
†	54.570	-7.371	-5	e	...	ne *	56.687	-32.170	1.20	51.8448	8.2	e	58.473	-9.849	0.95	51.8454	10.0
†	54.697	+8.575	-4	...	...	...	56.720	+3.549	-2	50.8489	10.0	...	58.609	-3.831	-5	e	...
*	54.750	+23.878	1.00	50.8477	9.7	...	56.791	+45.631	-4	...	...	...	58.646	-13.109	-5	e	...
2261	...	...	...	...	...	2301	...	...	...	...	...	2341	...	...	...	...	...
e *	+54.766	-20.407	1.00	51.8441	9.6	...	+56.804	-47.843	-5	e	...	e	+58.662	-18.668	0.80	51.8456	10.0
*	54.785	+3.272	1.00	50.8479	9.5	...	56.868	-0.539	-5	...	...	...	58.692	+23.929	-3	...	...
...	54.805	+36.628	-5	e	...	...	56.886	-3.390	-5	e	...	e	58.729	-7.415	0.90	51.8455	9.9
...	54.844	-9.601	-5	e	...	...	56.905	-23.061	-5	e	...	e	58.770	-37.093	0.65	51.8458	10.0
e *	55.011	-3.860	1.05	50.8481	9.4	...	57.019	-8.576	-3	e	...	...	58.793	+39.149	-5	e	...
...	+55.019	+28.366	-5	e	...	e *	+57.036	-39.308	1.05	51.8449	9.6	e *	+58.911	-39.350	1.00	51.8459	9.8
e	55.119	-10.627	0.90	51.8442	10.0	...	57.121	+7.344	-4	...	...	...	58.938	+42.067	-5	e	...
...	55.175	-40.775	-5	e	...	...	57.135	+7.642	-3	...	...	...	58.988	-15.821	-4	e	...
...	55.189	+50.485	-1	50.8478	10.0	...	57.211	-25.831	-3	e	...	...	59.044	-8.250	-5	e	...
e †	55.218	-25.034	1.10	51.8444	9.4	e	57.218	-48.485	-3	51.8450	10.0	...	59.228	+38.679	-5	...	...
2271	...	...	...	...	...	2311	...	...	...	...	...	2351	...	...	...	...	...
...	+55.244	-33.214	-4	e	...	...	+57.361	-8.635	-4	e	...	e *	+59.256	-41.047	1.80	51.8461	8.6
e	55.277	-19.759	0.65	51.8445	10.0	...	57.398	-33.871	-5	e	...	...	59.265	+24.323	-5	e	...
†	55.294	-34.980	-3	e	...	...	57.468	+19.931	-2	...	...	...	59.392	+24.481	-5	e	...
...	55.313	-37.476	-5	...	...	*	57.490	+23.020	1.60	50.8491	8.6	...	59.435	+30.477	-3	...	...
...	55.323	-26.014	-5	e	...	...	57.492	-4.662	-3	e	...	e	59.435	-9.885	0.90	51.8460	10.0
...	+55.374	-5.315	-5	e	...	...	+57.499	+32.658	-5	...	...	...	+59.532	+52.482	-5	m	...
e *	55.405	-6.199	2.00	51.8443	8.4	...	57.536	-31.380	-4	e	...	†	59.573	+1.951	0.90	50.8496	9.7
...	55.518	+35.771	1.00	50.8480	9.8	...	57.558	+43.879	-1	50.8490	10.0	...	...	...	...	...	...
...	55.588	+25.897	-2	...	...	...	57.565	-20.870	-4	e	...	...	...	...	...	...	...
e *	55.631	-38.720	1.25	51.8446	9.0	e	57.596	-48.882	1.00	51.8452	9.8	...	...	...	...	...	...
2281	...	...	...	...	...	2321	...	...	...	...	...	...	...	...	...	...	...
...	+55.786	-12.064	-2	e	...	...	+57.622	+51.000	-3	50.8488	10.0	...	...	...	...	...	...
*	55.816	+32.698	1.15	50.8482	9.4	...	57.679	+48.932	-4	...	...	...	...	...	...	...	...
e *	55.841	-3.042	1.10	50.8486	9.4	...	57.718	+37.640	-5	...	...	...	...	...	...	...	...
...	55.854	-34.092	-3	e	...	*	57.775	+54.897	1.60	49.8477	8.8	...	...	...	...	...	...
S *	55.891	+11.858	3.00	50.8483	7.7	...	57.785	+10.629	-5	e	...	...	...	...	...	...	...
e *	+55.948	-39.234	1.40	51.8447	8.8	...	+57.802	-7.858	-3	e	...	...	...	...	...	...	...
*	56.033	+9.342	1.60	50.8485	8.6	*	57.814	+28.018	1.00	50.8492	9.6	...	...	...	...	...	...
...	56.155	-8.037	-5	p	...	...	58.008	-0.343	-5	e	...	...	...	...	...	...	...
...	56.181	+19.032	-3	...	...	e	58.024	-13.985	0.95	51.8451	9.9	...	...	...	...	...	...
*	56.341	+56.591	1.20	49.8472	9.4	e	58.177	-42.919	0.65	51.8457	10.0	...	...	...	...	...	...

2294, 2298. C.P.D., suspected double.

1-10						11-20						21-30					
I	x.	y.	Diam.	C.P.D.	Mag.	II	x.	y.	Diam.	C.P.D.	Mag.	2I	x.	y.	Diam.	C.P.D.	Mag.
†	-60.137	-46.011	-5	E	...	E	-59.450	-55.787	-1	51.8435	10.0	...	-58.939	+49.633	-1	50.8484	10.0
†	59.999	+36.517	-5	E	...	...	59.413	-24.429	-5	E	...	...	58.838	+32.626	1.15	50.8482	9.4
E *	59.899	-2.664	0.95	50.8474	9.9	E *	59.341	-34.337	1.15	51.8437	9.2	E *	58.836	-18.796	1.00	51.8438	9.2
*	59.828	+16.673	1.00	50.8475	9.8	...	59.310	+1.872	-5	E	...	...	58.819	-28.168	-5	...	...
E *	59.821	-41.969	1.00	51.8434	9.9	...	59.299	+56.532	1.10	49.8472	9.4	...	58.798	+25.823	-2	...	...
*	-59.633	+16.887	1.05	50.8476	9.4	...	-59.276	+35.695	1.00	50.8480	9.8	*	-58.684	+3.182	0.95	50.8479	9.5
...	59.609	-53.948	-2	E	...	...	59.099	-42.545	-5	...	...	...	58.614	-57.914	-5	...	...
*	59.571	+23.790	1.00	50.8477	9.7	†	58.994	+54.988	1.50	49.8473	9.0	...	58.456	-7.452	-5	E	...
...	59.525	+2.046	-2	...	...	...	58.988	-25.518	0.85	E	...	...	58.395	+45.609	-5	...	...
...	59.465	+28.280	-4	E	...	...	58.976	+8.490	-3	...	...	...	58.388	-56.300	-4	E	...

L measured from 1, 212, 419, 614, 799, 980, 1131, 1298, 1458, 1603, 1730, 1844.

C " " 99, 311, 520, 694, 906, 1056, 1212, 1364, 1531, 1666, 1784, 1912.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	-3.	No.	Mag.		x.	y.	-3.	No.	Mag.		x.	y.	-3.	No.	Mag.
31-90						91-150						151-210					
3I	-58'266	-31'234	-5	E	...	9I	-55'490	-23'049	-3	E	...	15I	-52'647	+20'765	-5	M	...
E *	58'154	-3'931	1'00	50.8481	9'4	nE*	55'440	-31'990	1'80	51.8448	8'2	...	52'557	+47'569	-4	B	...
...	58'138	-56'263	-3	E	...	nE*	55'318	-32'165	1'05	...	...	...	52'539	-1'177	-3	...	...
...	58'105	-9'685	-5	E	...	...	55'308	-0'288	-4	...	...	...	52'537	-1'101	-3	...	...
...	58'085	+2'781	-5	M	...	...	55'244	+5'719	-2	...	...	...	52'465	-12'346	-3	...	...
...	-57'917	+18'993	-2	...	...	†	-55'200	-7'822	-3	E	...	E*	-52'402	-40'921	1'50	51.8461	8'6
S *	57'897	+11'827	3'00	50.8483	7'7	†	55'154	+37'094	-4	...	...	...	52'386	+14'379	-5	M	...
...	57'894	-37'349	-3	E	...	†	55'153	+30'558	-3	...	...	...	52'366	+34'856	-3	...	...
...	57'820	-32'507	-5	E	...	...	55'078	-25'795	-3	E	...	...	52'283	+4'360	-5	M	...
...	57'790	+51'003	-1	50.8488	10'0	†	55'042	+24'397	-5	E	...	...	52'255	+3'386	-5	M	...
4I	...	...	...	...	...	10I	...	...	...	...	...	16I	...	...	...	...	...
E	-57'782	-10'697	0'80	51.8442	10'0	...	-54'984	-2'054	-5	E	...	...	-52'238	-3'326	-4	...	...
†	57'777	+54'903	1'60	49.8477	8'8	...	54'928	+24'576	-4	E	...	...	52'209	+4'680	-4	M	...
...	57'738	-5'364	-5	E	...	...	54'924	-20'830	-3	E	...	...	52'138	+44'554	-5	M	...
E *	57'728	-20'484	0'90	51.8441	9'6	...	54'785	-49'622	-5	E	...	...	52'097	-32'150	-3	...	...
E *	57'670	+9'307	1'80	50.8485	8'6	...	54'748	+35'066	-5	M	...	*	52'096	-12'863	1'05	51.8462	9'6
E *	-57'658	-6'253	2'00	51.8443	8'4	E	-54'739	-13'932	0'95	51.8451	9'9	...	-52'084	-6'469	0'70	...	...
...	57'644	+48'923	-4	...	...	E *	54'687	-39'274	1'10	51.8449	9'6	...	52'059	+58'017	1'05	49.8489	9'4
...	57'558	+43'877	-1	50.8490	10'0	...	54'649	+24'566	-5	M	...	...	52'030	+22'199	-3	...	...
E *	57'369	-3'077	1'00	50.8486	9'4	...	54'569	-47'809	-5	E	...	*	52'020	+11'148	1'00	50.8499	9'8
E †	57'239	-19'814	-2	51.8445	10'0	...	54'568	-33'820	-5	E	...	...	51'969	+40'597	-3	...	...
5I	...	...	...	...	...	11I	...	...	...	...	...	17I	...	...	...	...	...
...	-57'177	+32'658	-4	...	...	...	-54'567	-3'744	-5	E	...	...	-51'957	+13'949	0'80	...	...
...	57'161	+37'649	-4	...	...	...	54'523	-31'328	-4	E	...	...	51'912	+1'178	-4	M	...
E *	57'099	-25'092	1'00	51.8444	9'4	...	54'518	+13'784	-5	M	...	...	51'879	-3'087	-5	...	...
E	57'056	-46'893	-1	51.8440	10'0	E	54'458	-9'772	0'90	51.8454	10'0	...	51'726	+3'412	-4	M	...
...	57'054	-12'104	-3	E	...	...	54'383	-45'350	-5	...	...	...	51'635	+24'615	-4	M	...
...	-57'051	-7'834	-5	...	...	...	-54'289	-7'330	0'95	51.8455	9'9	...	-51'626	-47'193	-4	...	...
...	56'947	-26'067	-5	E	...	S E*	54'212	-19'099	3'00	51.8453	7'6	...	51'593	+1'325	-4	...	...
*	56'911	+3'913	0'95	50.8487	9'8	*	54'159	+42'205	1'40	50.8497	8'9	...	51'583	-1'809	1'00	50.8500	9'8
*	56'774	+23'032	1'70	50.8491	8'6	...	54'145	-13'022	-5	E	...	*	51'536	-43'609	1'10	50.8502	9'2
...	56'760	+3'541	-3	50.8489	10'0	E	54'139	-48'439	-1	51.8450	10'0	...	51'509	-19'730	-5	...	...
6I	...	...	...	...	...	12I	...	...	...	...	...	18I	...	...	...	...	...
...	-56'720	-33'262	-4	E	...	...	54'094	+25'408	-5	M	...	...	-51'420	+20'232	-5	M	...
...	56'683	+19'935	-3	...	...	...	53'953	-8'143	-4	E	...	*	51'400	-27'162	1'35	51.8463	9'0
...	56'682	-4'093	-4	E	...	E	53'906	-18'575	0'85	51.8456	10'0	...	51'399	+0'994	-5	M	...
*	56'657	+28'043	1'00	50.8492	9'6	*	53'836	+2'069	1'00	50.8496	9'7	...	51'392	-21'353	-5	...	...
...	56'616	-35'026	-3	E	...	...	53'830	+42'651	-5	...	...	...	51'368	+22'422	-3	...	...
...	-56'538	-5'259	-3	E	...	...	-53'813	-23'152	-5	...	...	...	-51'362	+9'881	-5	M	...
*	56'535	+36'321	1'20	50.8493	9'2	...	53'786	-18'379	-5	...	...	*	51'331	-13'080	1'00	51.8464	9'8
...	56'507	+7'653	-3	...	...	E	53'750	-48'819	1'00	51.8452	9'8	...	51'326	-7'433	0'95	51.8466	10'0
...	56'502	+7'357	-3	...	...	...	53'714	+22'892	-2	...	...	†	51'233	+44'907	-3	...	...
...	56'494	-37'518	-5	...	...	...	53'702	-15'716	-2	E	...	...	51'214	-42'517	-4	...	...
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
...	-56'481	-40'829	-5	E	...	...	-53'622	+21'093	-5	M	...	...	-51'147	-21'573	-4	...	...
...	56'300	-3'389	-5	E	...	E	53'495	-9'769	0'90	51.8460	10'0	†	51'132	+45'008	1'00	50.8504	9'4
...	56'276	+53'603	-5	M	...	E	53'419	-42'835	0'75	51.8457	10'0	...	51'116	+38'515	-4	...	...
*	56'166	+24'824	1'10	50.8494	9'0	...	53'404	+43'159	-5	...	...	...	51'062	+49'853	0'75	50.8505	10'0
...	56'137	+39'191	-5	E	...	...	53'275	+34'338	0'75	...	...	...	50'935	+58'948	0'85	49.8493	9'8
...	-56'112	+2'638	-5	M	...	...	-53'118	-48'589	-3	E	...	...	-50'934	-14'034	-5	...	...
E *	56'112	-38'751	1'20	51.8446	9'0	...	53'080	+18'143	-5	M	...	...	50'916	-58'678	-4	...	...
...	56'097	+42'115	-4	E	...	...	53'075	-0'204	-5	...	...	...	50'896	+32'075	0'90	50.8503	9'8
...	56'097	-34'118	-3	E	...	E	53'052	-36'993	0'75	51.8458	10'0	...	50'884	+6'438	-5	M	...
...	55'985	+10'665	-5	E	...	...	52'904	+18'023	-5	M	...	...	50'805	-5'596	-4	...	...
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
...	-55'970	-8'565	-3	E	...	...	-52'869	+47'477	-2	...	...	...	-50'772	+12'155	-4	M	...
...	55'959	-17'869	-5	...	...	*	52'855	+5'963	1'05	50.8498	9'6	...	50'756	-25'866	-2	...	...
E *	55'774	-39'249	1'60	51.8447	8'8	...	52'855	-12'350	-3	...	...	*	50'701	-35'935	1'00	51.8465	9'9
...	55'723	+58'015	-3	...	...	...	52'827	-0'150	-5	...	...	F	50'683	-0'117	0'95	50.8501	9'8
...	55'672	+38'751	-3	...	...	E *	52'825	-39'242	1'00	51.8459	9'8	*	50'658	-8'121	1'00	51.8469	9'8
...	-55'652	-4'628	-3	E	...	...	-52'816	-3'844	-4	...	...	...	-50'630	+2'577	-5	M	...
*	55'627	+15'902	1'70	50.8495	8'5	...	52'813	+18'670	-4	M	...	*	50'530	-9'735	1'00	51.8471	9'6
...	55'622	-8'624	-3	E	...	...	52'804	+11'291	-4	M	...	...	50'272	-30'399	-3	...	...
...	55'616	+23'983	0'70	...	...	...	52'763	+21'121	-3	...	...	...	50'267	-22'124	0'80	51.8470	10'0
...	55'500	+6'788	-5	M	...	...	52'649	-25'768	-4	...	...	†	50'163	+45'002	-1	50.8508	10'0

92, 93. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
211-270						271-330						331-390					
21I	-50°161	-8°796	0.70	51.8474	10.0	27I	-47°270	-48°983	-5	...	...	33I	-44°285	-36°772	-4	...	...
†	50°138	-35°598	3.10	51.8467	7.8	*	47°258	-7°863	1.00	51.8488	9.4	*	44°219	-3°791	1.10	50.8513	9.3
†	50°089	+11°826	-2	...	...	*	47°186	-27°976	0.95	51.8487	9.8	...	43°971	+13°217	-5	M	...
...	50°056	-30°107	-5	...	...	*	47°044	-38°711	1.00	51.8486	9.8	...	43°743	-15°660	-3	...	...
...	50°018	-17°531	-5	...	...	...	47°043	+30°370	0.90	...	...	...	43°685	-29°402	-4	...	...
*	-49°911	+22°618	0.95	50.8506	9.9	*	-46°947	+54°606	1.30	50.8511	9.0	*	-43°664	+14°210	2.60	50.8518	8.0
...	49°901	+0°236	-2	A	...	...	46°934	+55°936	4	...	...	*	43°652	-54°227	1.70	51.8497	8.6
...	49°860	-21°442	-5	...	...	...	46°925	-27°627	-5	...	...	...	43°600	+28°758	-2	...	...
...	49°756	+9°846	-1	...	...	...	46°866	-53°552	-2	51.8485	10.0	...	43°580	+18°274	0.85	...	...
...	49°707	+10°843	-5	M	...	...	46°830	+33°013	-5	M	...	*	43°562	-11°752	0.95	51.8498	10.0
22I	-49°697	-19°324	1.00	51.8475	9.6	28I	-46°762	+59°157	-1	49.8504	9.8	34I	-43°540	+39°069	-5	M	...
*	49°683	-34°178	1.00	51.8473	9.6	...	46°745	+9°583	0.75	...	...	...	43°511	-37°914	-5	...	...
...	49°649	-2°410	-5	...	...	*	46°504	+18°989	0.95	50.8510	9.9	...	43°482	+14°051	0.70	...	...
...	49°636	-8°303	0.70	51.8477	10.0	...	46°242	+35°801	0.90	...	...	...	43°242	+50°135	-5	M	...
*	49°588	-58°170	1.60	51.8468	9.2	...	46°195	+25°817	-5	M	...	*	43°199	+17°604	2.50	50.8520	8.1
*	-49°577	+15°871	1.25	50.8507	9.2	...	-46°194	-20°990	0.90	51.8492	9.8	...	-43°118	+51°064	-4	...	...
...	49°486	+23°855	0.75	...	...	...	46°162	+40°966	-5	...	...	...	43°102	-40°164	-5	...	...
*	49°459	-10°176	1.00	51.8476	9.4	...	46°142	-37°768	1.00	51.8489	9.8	...	43°091	+6°275	0.70	...	...
...	49°366	+43°124	-4	B	...	...	46°104	-6°962	-5	...	...	...	43°055	+40°295	-5	M	...
...	49°351	+27°174	-5	M	...	...	46°090	+1°293	-5	M	...	...	43°050	-29°288	-5	...	...
23I	-49°313	+8°374	-5	M	...	29I	-46°044	-8°782	-4	...	...	35I	-43°039	-11°127	0.70	...	...
...	49°242	-16°365	-1	...	...	...	45°939	-23°191	-3	...	...	...	42°894	+6°290	-5	M	...
...	49°221	+18°126	0.75	...	...	...	45°913	-38°930	0.90	51.8490	9.9	*	42°845	+4°346	0.90	50.8519	9.8
...	49°149	+55°964	-2	...	...	...	45°896	+57°496	-5	M	...	...	42°798	+11°034	-5	M	...
*	49°075	-29°483	-5	...	...	...	45°841	-6°075	-5	...	...	...	42°643	+1°873	-4	M	...
*	-49°016	-5°522	1.00	51.8478	9.4	†	-45°829	-44°756	0.80	51.8491	10.0	...	-42°605	-29°069	-4	...	...
...	48°881	-39°720	-3	...	...	...	45°740	+29°815	-3	...	...	*	42°541	+7°399	0.95	50.8521	9.9
...	48°857	-11°860	0.90	51.8479	10.0	...	45°725	-5°241	-5	...	...	...	42°532	-37°821	-4	...	...
...	48°810	+21°820	-3	...	...	*	45°617	-46°126	1.00	51.8493	9.2	...	42°480	-12°156	0.80	...	...
...	48°738	-4°176	-3	...	...	...	45°582	-7°668	-3	...	...	...	42°398	-20°431	-5	...	...
24I	-48°640	+42°280	-5	M	...	30I	-45°581	+45°539	-3	...	...	36I	-42°381	-8°196	-4	...	...
...	48°590	+55°767	-3	...	...	...	45°568	-21°616	-5	...	...	...	42°346	+51°864	-5	M	...
...	48°534	-13°822	-3	...	...	...	45°555	-21°017	-5	...	...	...	42°326	+24°904	-4	M	...
*	48°447	-24°188	2.80	51.8480	8.0	...	45°453	-4°183	-5	...	...	...	42°316	-52°428	1.00	51.8499	9.6
*	48°381	+5°375	1.20	50.8509	9.1	...	45°447	+25°535	0.85	...	...	*	42°292	+11°633	1.00	50.8523	9.4
...	-48°358	+5°788	0.70	...	...	...	-45°393	+43°924	-5	M	...	...	-42°182	-45°552	-5	...	...
...	48°315	+8°890	-1	...	...	†	45°331	+10°055	-5	M	...	...	42°132	-34°238	-5	...	...
...	48°154	+51°242	-4	...	...	†	45°223	-27°689	-5	...	...	...	42°082	-44°064	0.70	...	...
...	48°146	-13°649	-1	...	...	†	45°191	-2°453	-2	...	...	...	42°061	+19°680	0.70	...	...
...	48°090	-24°030	-5	...	...	†	45°123	+57°054	-3	...	...	*	42°012	-3°269	1.00	50.8522	9.5
25I	-48°039	+9°089	-3	...	...	31I	-45°073	-7°000	-4	...	...	37I	-41°952	-10°513	-4	...	...
...	48°000	+12°885	-2	...	...	...	45°058	-3°965	0.95	50.8512	10.0	*	41°769	+23°442	1.00	50.8524	9.7
...	47°995	-25°359	0.90	51.8482	10.0	...	45°053	+5°131	-5	M	...	...	41°740	-3°915	-3	...	...
...	47°988	+1°015	-4	M	...	*	45°044	-9°181	1.00	51.8496	9.6	...	41°669	-1°848	-5	...	...
...	47°942	-48°304	-4	...	...	*	44°999	-43°727	1.10	51.8494	9.2	...	41°624	-3°842	-5	...	...
...	-47°882	+10°236	-3	...	...	...	-44°959	-13°780	-5	...	...	...	-41°583	-35°719	-5	...	...
...	47°789	-8°998	-5	...	...	...	44°907	+55°539	0.95	49.8509	9.8	*	41°571	+31°613	4.00	50.8526	7.4
...	47°767	-23°211	0.90	51.8483	9.9	...	44°854	-48°564	-3	...	...	...	41°548	+3°099	-3	...	...
...	47°756	-47°169	-5	...	...	...	44°838	+43°399	0.95	50.8514	10.0	...	41°536	-49°348	-2	...	...
...	47°728	-55°963	-3	...	...	...	44°739	+45°019	-5	M	...	†	41°531	+15°008	-3	...	...
26I	-47°727	+5°209	-3	B	...	32I	-44°709	+7°689	-5	M	...	38I	-41°530	+6°802	0.95	50.8525	9.9
...	47°716	-27°830	-5	...	...	†	44°693	+5°039	-4	...	...	...	41°480	+25°575	-5	M	...
...	47°671	-25°963	0.80	51.8484	10.0	...	44°624	+11°395	-4	M	...	*	41°437	-32°361	1.00	51.8500	9.6
...	47°580	-27°053	-4	...	...	*	44°623	+31°276	1.05	50.8515	9.5	...	41°364	+4°695	-5	M	...
...	47°536	+35°640	-5	M	...	...	44°550	+21°110	-5	M	...	...	41°356	+38°141	5	M	...
...	-47°452	-30°351	-4	...	...	...	-44°439	+17°350	-4	...	...	...	-41°306	+22°480	-5	M	...
...	47°448	-53°041	-1	51.8481	10.0	...	44°377	-9°286	-5	...	...	...	41°292	+3°367	-5	M	...
...	47°423	-38°578	-5	...	...	...	44°350	+17°038	-5	...	...	...	41°270	-38°955	0.70	...	...
...	47°388	+28°061	-5	M	...	*	44°313	+48°485	1.20	50.8517	9.4	...	41°250	+7°835	-5	M	...
...	47°320	-12°886	-5	...	...	...	44°302	+32°663	0.85	50.8516	10.0	...	41°249	+59°236	-5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
391-450						451-510						511-570					
39I	-41°181	+6°462	0·85	50·8528	10·0	45I	-38°252	-34°016	1·15	51·8511	9·0	51I	-35°565	+27°844	-5	°M	...
...	41°174	+41°822	-4	...	...	...	38°199	-32°636	-5	...	...	...	35°465	+15°865	0·85	...	...
...	41°167	-0°261	0·80	50·8527	9·9	*	38°188	-9°565	0·95	51·8512	9·8	...	35°398	+8°361	-5	M	...
*	41°157	-17°490	1·15	51·8504	9·2	...	38°173	-51°500	-3	...	...	...	35°378	-55°088	-2	...	...
...	41°150	+7°835	-5	M	...	...	38°118	-10°358	0·90	51·8516	10·0	...	35°342	-11°504	-3	...	...
...	-41°076	-8°955	-5	...	...	...	-38°061	-29°729	-3	...	...	*	-35°340	+35°831	0·95	...	...
†	41°012	+29°931	-3	...	...	...	38°044	+35°802	-5	M	...	†	35°320	-39°877	-3	...	...
*	40°924	+51°583	1·20	50·8529	9·2	...	37°937	+5°416	-5	M	...	...	35°309	+8°730	0·75	...	...
...	40°915	+23°822	-4	M	...	...	37°920	+25°215	0·80	...	...	...	35°267	+4°330	-5	M	...
*	40°879	-31°758	1·10	51·8505	9·2	...	37°906	+39°286	-5	M	...	...	34°915	+59°063	-4	...	...
40I	-40°835	+17°297	-3	...	...	46I	-37°889	-34°183	-4	...	...	52I	-34°896	+21°329	-4	...	...
...	40°805	+33°358	0·70	...	...	...	37°782	-27°519	-3	...	...	*	34°850	-45°102	1·00	51·8522	9·6
...	40°775	-59°662	-3	51·8501	10·0	...	37°745	-28°477	0·85	51·8514	10·0	...	34°736	+7°745	-5	M	...
*	40°738	-41°273	1·40	51·8503	8·8	...	37°684	+13°569	-3	...	...	...	34°727	+31°138	-2	...	...
...	40°718	-31°612	-5	...	...	...	37°646	-15°626	-5	...	...	...	34°580	+37°003	0·70	...	...
...	-40°688	+11°811	-3	...	...	*	-37°597	+14°851	0·90	50·8535	10·0	...	-34°508	+49°441	-5	M	...
...	40°674	+47°850	0·95	50·8530	9·9	...	37°564	-38°566	0·95	51·8513	9·8	*	34°497	-36°075	1·00	51·8523	9·6
*	40°650	-57°560	1·30	51·8502	9·0	...	37°561	-25°364	-2	...	...	...	34°495	-30°923	0·70	...	...
...	40°588	+7°726	-3	B	...	...	37°530	+49°484	-5	M	...	...	34°492	+36°537	0·90	...	...
*	40°540	-50°088	1·20	51·8506	9·4	...	37°480	+25°170	-3	A	...	...	34°487	-53°182	-3	...	...
41I	-40°493	+8°957	-5	M	...	47I	-37°461	+4°152	1·00	50·8534	9·5	53I	-34°458	-38°847	-4	...	...
...	40°489	+42°202	-5	M	...	*	37°397	+19°885	1·00	50·8536	9·7	...	34°434	+23°739	-2	...	...
...	40°463	-33°192	-5	...	...	...	37°394	-40°940	0·90	51·8515	9·8	...	34°409	-18°166	0·75	...	...
...	40°430	-49°734	-5	...	...	...	37°373	-37°624	-5	...	...	...	34°360	+48°052	1·00	50·8541	10·0
...	40°331	-5°038	-3	...	...	...	37°350	+36°826	-3	B	...	...	34°253	-2°577	-5	...	...
...	-40°289	-20°888	-5	...	...	...	-37°327	+50°223	-5	M	...	...	-34°199	-36°185	-3	...	...
...	40°286	-16°456	-5	...	...	*	37°307	-38°104	0·95	51·8517	9·8	...	34°175	-36°780	0·80	51·8524	10·0
†	40°227	-53°662	1·60	51·8507	8·4	...	37°299	-52°424	-5	...	...	...	34°145	-55°482	0·70	...	...
†	40°042	+26°607	0·90	50·8531	9·9	...	37°267	+54°039	-3	...	...	...	34°125	-55°030	-4	...	...
...	39°967	+40°125	-5	M	...	...	37°244	-11°878	-5	...	...	...	34°122	+5°830	0·80	50·8540	10·0
42I	-39°959	+6°496	0·70	...	...	48I	-37°192	+14°926	-2	50·8537	10·0	54I	-34°084	+20°625	-3	...	...
...	39°900	+17°724	0·70	...	...	...	37°176	+39°402	0·70	...	...	...	33°976	-55°857	-5	...	...
...	39°795	+16°043	-5	M	...	†	37°092	-9°954	0·70	51·8519	10·0	†	33°907	-9°876	1·00	51·8526	9·6
*	39°747	-41°013	1·00	51·8508	9·4	*	37°051	-47°771	1·00	51·8518	9·6	...	33°799	+50°306	0·90	50·8545	9·9
...	39°737	-11°546	-4	...	...	...	37°028	+3°406	-5	M	...	*	33°769	+18°046	1·00	50·8542	9·8
...	-39°693	-45°339	-5	...	...	...	-37°025	+57°396	-5	M	...	...	33°708	-5°542	-5	...	...
...	39°681	-27°099	-5	...	...	...	36°890	+9°075	0·75	50·8538	10·0	...	33°671	-54°948	1·05	51·8525	9·6
...	39°559	+8°744	0·80	...	...	...	36°835	-4°271	-5	...	...	...	33°649	+54°614	-5	M	...
...	39°532	+13°468	0·70	...	...	...	36°719	+40°237	-5	M	...	...	33°580	-11°336	-5	...	...
...	39°527	-30°318	-4	...	...	*	36°667	-28°690	1·00	51·8520	9·4	...	33°474	-23°507	-4	...	...
43I	-39°471	-8°218	-5	...	...	49I	-36°664	+0°227	0·70	...	...	55I	-33°468	+1°258	1·00	50·8543	9·8
*	39°384	-59°054	1·15	51·8509	9·4	...	36°562	+48°270	-4	A	...	*	33°447	+46°605	2·70	50·8546	8·2
*	39°366	+23°414	1·15	50·8532	9·1	...	36°485	-4°691	-4	...	...	...	33°408	+0°703	0·90	50·8544	10·0
...	39°354	-17°924	-3	...	...	...	36°430	+50°477	-5	M	...	...	33°366	+29°883	-2	...	...
...	39°264	-0°305	-4	...	...	...	36°377	+48°666	1·00	...	...	...	33°354	-44°271	-5	...	...
...	-39°251	+8°640	-4	M	...	...	-36°210	-38°125	0·90	51·8521	9·9	...	-33°221	+31°949	-2	...	...
...	39°202	+39°751	0·95	50·8533	10·0	...	36°066	+19°627	-3	...	...	...	33°137	-35°086	-4	...	...
...	39°144	-36°254	-3	...	...	...	36°048	-6°271	-5	...	...	...	33°124	-56°893	0·80	51·8527	9·9
...	39°081	+45°723	-5	M	...	*	36°014	+40°381	1·00	50·8539	9·4	...	32°977	+24°432	-2	...	...
...	39°077	-21°268	-5	...	...	...	35°981	-6°676	-5	...	...	...	32°953	-0°059	-4	...	...
44I	-39°059	+55°835	1·00	49·8522	10·0	50I	35°973	+12°053	-5	M	...	56I	-32°930	+55°301	0·70	...	...
*	38°987	-52°243	1·15	51·8510	9·2	...	35°929	+10°218	-4	M	...	...	32°929	+2°218	-5	M	...
...	38°975	+40°171	-5	M	...	...	35°868	+3°399	-5	M	...	...	32°904	+50°056	0·85	...	...
...	38°953	-57°629	-4	...	...	...	35°856	+13°392	-5	M	...	...	32°894	+4°251	-5	M	...
...	38°667	+31°347	-3	...	...	...	35°795	+50°749	-5	M	...	...	32°871	-7°041	-5	...	...
...	-38°585	+12°145	-3	...	...	...	-35°792	-13°122	-5	...	...	...	-32°799	+22°972	0·75	50·8547	10·0
...	38°580	+47°181	-3	...	...	...	35°772	+29°419	0·70	...	...	...	32°778	-3°165	-3	...	...
...	38°550	-39°567	-5	...	...	...	35°772	+15°327	-3	...	...	*	32°713	-5°576	1·00	51·8529	9·8
...	38°463	-5°967	-5	...	...	...	35°718	+18°931	-4	M	...	...	32°653	-43°555	0·80	...	...
...	38°385	-48°955	-5	...	...	...	35°586	-23°672	-4	...	...	†	32°620	+49°969	0·85	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
571-630						631-690						691-750					
57I	-32°515	-29°288	0·70	...	...	63I	-29°480	+6°608	-3	...	...	69I	-25°436	-25°816	-3	...	...
*	32°485	-56°176	1·40	51.8528	9·2	...	29°127	+39°532	-2	...	...	...	25°429	-4°660	-2	50.8565	10·0
...	32°425	-15°831	-5	...	...	...	29°025	-20°027	-2	...	...	...	25°276	+41°934	-3	...	...
...	32°364	-50°496	-4	...	...	...	29°009	-10°810	-5	...	...	†	25°124	+40°707	-1	...	...
...	32°259	+58°405	0·70	...	...	...	28°931	-0°611	0·70	...	...	...	25°110	+13°844	0·70	50.8569	10·0
...	-32°245	-9°825	0·70	...	...	...	-28°921	+50°452	0·80	50.8559	10·0	...	-25°088	-44°223	-5	...	...
...	32°151	+6°492	-4	M	...	...	28°810	-16°458	-4	...	...	...	25°076	+19°092	-4	M	...
...	32°132	+38°683	-5	M	...	...	28°804	+45°541	-2	...	...	...	25°066	+11°563	0·70	50.8568	10·0
...	32°101	-24°206	0·70	...	...	...	28°782	+31°919	-3	...	...	...	25°056	-35°603	-4	...	...
*	32°013	+29°062	1·90	50.8548	8·6	*	28°741	+4°915	0·95	50.8557	9·9	*	25°052	-3°632	1·00	50.8567	9·6
58I	-31°978	-36°863	-5	...	...	64I	-28°689	+47°062	-5	...	...	70I	-24°935	-50°083	3·80	51.8542	7·4
...	31°806	-19°983	-5	...	...	...	28°622	+58°741	-2	...	...	S *	24°567	+51°253	-4	...	...
...	31°775	-14°728	0·65	...	...	*	28°572	-18°521	1·00	51.8535	9·2	...	24°555	+16°293	0·70	50.8570	9·9
...	31°734	+51°970	-5	M	...	...	28°466	-35°788	-5	...	...	...	24°447	-47°444	-4	...	...
*	31°702	-35°233	1·15	51.8530	9·0	...	28°458	-41°893	0·90	51.8534	10·0	...	24°443	-5°115	-3	...	...
...	-31°699	+14°761	0·70	...	...	...	-28°447	-51°255	-4	...	...	*	-24°416	+56°437	1·15	49.8554	9·4
...	31°653	+32°890	-5	M	...	...	28°429	-3°880	-3	...	...	...	24°344	+18°532	-5	M	...
...	31°624	+25°439	0·90	50.8549	10·0	...	28°390	+4°486	-3	A	...	...	24°281	+27°209	-4	M	...
...	31°582	-16°060	-4	...	...	*	28°379	-1°099	1·00	50.8558	9·7	...	24°199	-39°148	-5	...	...
...	31°405	+56°668	-5	M	...	...	28°199	-10°271	-5	...	...	...	24°184	-0°168	-5	...	...
59I	-31°332	-6°712	0·70	...	...	65I	-28°137	-24°238	-5	...	...	71I	-24°132	+5°965	-5	M	...
...	31°328	+11°804	-5	M	...	*	27°656	-58°685	0·95	51.8536	9·8	...	24°123	+20°989	0·85	50.8571	9·8
*	31°289	+50°354	1·25	50.8550	9·2	...	27°553	-48°607	-5	...	...	*	24°032	-59°227	1·60	51.8543	8·4
...	31°180	-42°324	0·75	...	...	...	27°535	+26°541	-2	...	...	...	24°021	+45°662	-3	...	...
*	31°050	-21°756	1·60	51.8531	8·4	...	27°470	+18°935	-5	M	...	...	24°011	-58°499	0·70	51.8544	10·0
...	-30°939	+25°928	0·90	50.8552	9·9	*	-27°389	+38°839	1·00	50.8562	9·4	...	-23°922	+56°830	0·75	49.8557	10·0
...	30°841	-4°335	-5	...	...	...	27°371	+29°085	-2	...	...	...	23°905	-44°557	-5	...	...
...	30°786	+20°272	-4	M	...	...	27°320	+2°668	-3	A	...	...	23°891	+1°978	-4	M	...
...	30°770	-1°689	-2	...	...	...	27°287	-48°312	-2	...	...	...	23°877	-44°655	0·80	51.8547	10·0
...	30°727	-16°507	-4	...	...	...	27°276	-29°524	-5	...	...	...	23°689	+34°769	-5	M	...
60I	-30°717	-4°720	-5	...	...	66I	-27°220	+34°429	-5	M	...	72I	-23°652	+7°630	0·85	50.8572	9·8
...	30°712	-10°298	-4	...	...	...	27°215	+42°354	0·95	50.8563	10·0	*	23°633	-4°854	1·15	51.8551	9·2
*	30°695	-27°297	0·85	51.8532	10·0	*	27°139	+10°456	1·00	50.8560	9·4	...	23°592	+39°086	0·75	50.8573	10·0
...	30°643	+33°906	-2	...	...	...	27°114	-31°566	-5	...	...	...	23°532	-8°517	-5	...	...
...	30°609	-41°114	-5	...	...	*	27°016	+12°438	1·90	50.8561	8·7	...	23°387	-48°481	0·90	51.8549	10·0
...	-30°592	+26°907	-4	M	...	...	-26°869	-7°981	-5	...	...	...	-23°209	+7°173	0·70	...	...
*	30°558	+2°843	1·15	50.8551	9·3	...	26°784	-57°591	-5	...	...	...	23°167	+49°257	-4	...	...
...	30°536	+40°295	-3	...	...	...	26°721	-33°668	0·90	51.8538	9·8	...	23°139	-6°259	-3	...	...
...	30°513	-30°133	-4	...	...	...	26°691	+50°269	0·80	...	...	...	23°066	+16°208	-5	M	...
...	30°439	+35°523	-4	...	...	...	26°669	-1°027	-4	...	...	...	23°031	+54°564	-5	M	...
61I	-30°414	+25°244	-5	M	...	67I	-26°656	-57°364	-3	...	...	73I	-23°012	+27°350	0·70	50.8575	10·0
...	30°337	-16°711	-2	...	...	...	26°649	+38°622	-5	M	...	...	23°003	-42°062	-4	...	...
...	30°289	+36°542	-1	...	...	...	26°590	-22°266	0·80	51.8539	9·9	...	22°968	-54°408	-4	...	...
...	30°035	-15°963	0·80	...	...	...	26°559	+30°971	-4	B	...	*	22°910	+10°463	1·05	50.8574	9·4
...	30°002	+56°340	-3	...	...	...	26°492	+3°876	-5	M	...	*	22°902	+31°214	1·00	50.8576	9·5
...	-29°991	+21°646	-5	M	...	*	-26°351	+18°950	1·00	50.8564	9·7	...	-22°805	+15°595	-5	M	...
#	29°918	+1°064	0·90	50.8553	9·2	...	26°342	+55°769	-1	...	...	...	22°770	-14°552	-4	...	...
...	29°892	+43°662	-5	M	...	...	26°102	+53°634	-5	M	...	...	22°691	+20°150	-3	...	...
...	29°826	-18°883	-5	...	...	...	26°004	-5°772	-5	...	...	...	22°673	+45°135	-3	...	...
*	29°793	+35°279	1·25	50.8555	8·9	...	26°000	+40°374	0·70	...	...	...	22°633	+38°841	0·80	50.8577	10·0
62I	-29°742	+1°138	1·00	50.8553	9·2	68I	-25°861	-32°434	-3	...	...	74I	-22°626	-2°277	-1	...	...
n *	29°740	+24°212	2·60	50.8554	8·4	...	25°809	+55°245	-3	...	...	...	22°567	-14°652	-4	...	...
...	29°719	-59°605	-3	...	...	...	25°781	-18°495	0·80	51.8541	10·0	...	22°440	-20°628	0·70	...	...
...	29°681	-28°058	0·80	...	...	...	25°771	-52°477	-3	...	...	*	22°348	+28°149	1·30	50.8578	9·0
*	29°667	+34°798	2·00	50.8556	8·8	...	25°759	-11°334	-5	...	...	...	22°295	+2°454	0·70	...	...
...	-29°645	+33°466	-5	M	...	...	-25°645	-51°963	-3	...	...	*	-22°256	-45°225	1·05	51.8552	9·6
...	29°615	+24°857	-4	M	...	...	25°633	+17°842	-5	M	...	...	22°255	+52°327	1·00	50.8583	9·8
...	29°595	-35°303	-4	...	...	*	25°604	+42°176	0·95	50.8566	9·8	*	22°246	+47°642	1·05	50.8582	9·5
...	29°559	-4°809	-3	...	...	...	25°519	-47°784	-2	...	...	...	22°217	+21°154	-4	M	...
...	29°535	+59°452	-4	...	...	...	25°443	-11°465	-1	...	...	...	22°175	-7°240	-5	...	...

617, 621. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
751-810						811-870						871-930					
75I	-22.175	-30.023	-3	...	...	81I	-19.317	-14.810	-5	...	...	87I	-16.771	-41.676	-3	...	...
...	22.127	-32.913	0.70	51.8553	10.0	...	19.238	-31.606	-3	...	...	*	16.704	-44.451	1.00	51.8570	9.4
...	22.123	-10.484	-2	...	...	...	19.132	+41.145	-5	...	...	...	16.666	+16.901	-4	...	...
*	22.105	+33.963	1.50	50.8581	8.7	...	18.986	-5.048	-2	...	...	...	16.571	-18.340	-5	...	...
...	22.075	-22.129	0.70	51.8554	10.0	...	18.946	-37.303	-3	...	...	...	16.538	+15.953	-5	M	...
...	-22.064	+35.275	-4	M	...	...	-18.939	-27.561	-2	...	...	*	-16.437	+53.368	2.00	50.8606	8.6
*	21.977	+19.667	1.70	50.8580	8.6	...	18.930	+31.196	-5	M	...	...	16.433	-28.402	-3	...	...
...	21.975	-11.733	-5	...	...	*	18.914	-28.177	1.00	51.8562	9.6	†	16.420	+9.903	1.00	50.8605	9.4
*	21.959	+39.323	1.00	50.8584	9.7	...	18.809	+55.668	0.65	...	...	...	16.392	+49.998	-5	M	...
*	21.937	+48.526	1.00	50.8587	9.8	...	18.759	+25.376	0.70	...	...	...	16.338	-27.866	-5	...	...
76I	-21.893	+11.463	1.90	50.8579	8.4	82I	-18.753	-27.700	-2	...	...	88I	-16.309	+8.134	-5	M	...
S *	21.832	+14.292	-4	M	...	*	18.729	+26.882	1.40	50.8595	8.8	...	16.281	+43.855	-5	M	...
...	21.783	+42.249	-5	M	...	...	18.714	+49.954	0.75	...	...	...	16.171	+26.184	0.85	50.8607	9.8
...	21.775	+47.123	-2	...	...	...	18.704	-57.404	-1	51.8561	10.0	...	16.131	-2.022	-5	...	...
...	21.772	+2.877	-5	M	...	...	18.657	+45.866	-3	A	...	n	16.126	-37.918	0.75	51.8571	8.6
...	-21.770	+50.340	-5	...	...	...	-18.632	+4.078	-3	...	...	...	-16.024	-16.866	-5	...	...
*	21.709	+20.521	1.00	50.8585	9.4	*	18.518	+13.357	1.00	50.8596	9.5	n *	15.992	-37.961	1.50	51.8571	8.6
...	21.686	+55.218	-4	...	...	...	18.515	-25.938	0.70	...	...	...	15.925	-47.600	-4	...	...
...	21.662	-5.089	-4	...	...	...	18.488	+46.953	-3	...	...	...	15.869	-38.043	-5	...	...
*	21.565	+30.948	1.15	50.8588	9.1	...	18.377	-48.368	-5	...	...	...	15.866	+52.719	-3	...	...
77I	-21.557	-4.348	-4	...	...	83I	-18.366	-10.852	-5	...	...	89I	-15.663	-22.574	-2	...	...
...	21.544	+5.610	-5	M	...	...	18.301	+42.773	0.75	...	...	*	15.629	+40.169	1.00	50.8608	9.2
...	21.519	+10.482	0.85	50.8586	9.8	...	18.256	+46.385	-5	M	...	...	15.582	-33.870	-4	...	...
...	21.464	-13.104	-5	...	...	...	18.244	+19.809	0.75	...	...	...	15.556	-53.205	-5	...	...
...	21.238	-14.138	-5	...	...	...	18.176	+37.774	0.85	50.8599	10.0	...	15.519	-41.569	-3	...	...
...	-21.212	+27.883	-4	M	...	...	-18.132	+27.954	0.70	...	...	...	-15.508	-53.465	-2	...	...
...	21.182	+29.718	0.70	...	...	...	18.092	+13.656	-3	B	...	...	15.431	+39.555	-5	M	...
...	21.131	-19.226	-4	...	...	...	18.090	+25.279	0.65	...	...	...	15.426	-58.160	-5	...	...
...	21.127	+30.543	-5	M	...	...	18.090	-50.122	-3	51.8564	10.0	...	15.380	-24.236	-4	...	...
...	21.080	+50.657	-5	M	...	*	18.080	+13.471	1.45	50.8598	8.8	...	15.357	+27.666	0.70	...	...
78I	-20.893	+36.994	-3	...	...	84I	-18.009	-43.178	-5	...	...	90I	-15.346	-28.550	-4	...	...
...	20.877	-20.917	0.95	51.8556	9.9	...	17.922	-3.501	0.90	50.8597	9.9	†	15.333	+55.781	-3	...	...
*	20.843	-54.979	-3	...	...	...	17.796	+29.372	-5	M	...	...	15.325	+8.981	-5	M	...
...	20.818	-15.189	-2	...	...	...	17.795	-25.273	-5	...	...	†	15.251	-37.850	0.90	51.8572	9.9
...	20.697	+44.801	-2	...	...	...	17.764	-33.747	0.90	51.8565	10.0	†	15.242	+53.384	1.00	50.8611	9.5
*	-20.686	+57.632	1.00	49.8564	9.8	*	-17.721	+31.186	1.05	50.8601	9.1	†	-15.234	-30.723	0.80	51.8573	9.6
...	20.653	-34.777	-4	...	...	...	17.648	+9.712	1.00	50.8600	9.7	†	15.151	+26.305	-5	...	...
...	20.641	-41.305	-5	...	...	...	17.593	-1.752	-4	...	...	†	15.150	+25.624	1.10	50.8609	9.4
...	20.616	-18.042	0.80	51.8558	10.0	...	17.555	+28.587	-2	...	...	*	15.144	-15.593	1.05	51.8575	9.4
...	20.562	+32.618	0.70	...	...	...	17.528	-53.787	-5	...	...	...	15.120	-33.351	0.70	51.8574	10.0
79I	-20.519	-1.547	-5	...	...	85I	-17.523	-37.938	-4	...	...	91I	-14.929	-3.736	0.85	50.8610	9.8
...	20.518	-39.123	1.00	51.8557	9.4	...	17.508	-24.724	-5	...	...	...	14.863	+20.611	-4	...	...
*	20.517	+39.500	1.05	50.8590	9.5	...	17.384	+47.308	0.90	...	...	...	14.789	-3.106	-5	...	...
...	20.504	-52.095	0.90	51.8555	9.9	...	17.370	-41.820	-2	...	...	...	14.524	+47.824	-5	M	...
*	20.497	+47.304	1.00	50.8591	9.7	...	17.318	-20.247	0.70	...	...	...	14.357	+55.471	0.65	...	...
...	-20.413	+42.971	0.70	...	...	...	-17.317	+39.385	0.75	...	...	...	-14.338	-2.924	-5	...	...
...	20.400	-52.101	-4	...	...	*	17.302	-49.226	1.10	51.8566	9.4	...	14.336	-52.529	-2	...	...
†	20.293	-38.835	0.70	51.8559	10.0	S *	17.292	-27.358	2.10	51.8567	8.2	*	14.304	-55.502	1.30	51.8576	9.4
†	20.144	+10.527	0.75	50.8589	9.9	...	17.259	+23.980	0.80	50.8603	10.0	...	13.951	-10.624	-5	...	...
†	20.081	+48.639	-3	...	...	...	17.216	-29.086	-2	...	...	*	13.950	+18.975	1.10	50.8612	9.7
80I	-20.058	+10.098	-5	M	...	86I	-17.194	-34.179	1.00	51.8568	9.8	92I	-13.908	+38.669	1.40	50.8613	8.7
...	19.975	+18.910	1.10	50.8592	9.2	*	17.179	-7.559	0.80	...	...	...	13.886	-51.744	-4	...	...
*	19.844	-38.833	0.95	51.8560	10.0	...	17.143	-52.404	-1	...	...	...	13.851	+20.948	-3	...	...
...	19.828	-12.548	-5	...	...	...	17.130	+14.300	0.80	50.8602	9.9	...	13.815	+40.641	-4	M	...
...	19.769	-7.736	-5	...	...	...	17.067	+4.281	-3	B	...	...	13.815	-48.692	-2	...	...
...	-19.632	+15.295	0.75	50.8593	10.0	...	-16.996	+22.328	-5	M	...	...	-13.790	+21.286	-2	...	...
...	19.606	-6.842	0.70	...	...	*	16.922	-53.009	1.50	51.8569	8.6	...	13.772	-6.319	-5	...	...
...	19.470	-57.521	-3	...	...	...	16.898	+50.104	-4	...	...	...	13.742	+35.757	0.85	50.8615	10.0
...	19.435	-46.042	-3	...	...	*	16.844	+6.306	1.00	50.8604	9.2	...	13.678	-7.078	-4	...	...
*	19.404	+8.479	1.00	50.8594	9.5	...	16.841	+46.351	-3	A	...	...	13.638	-12.284	-5	...	...

885, 887. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
931-990						991-1050						1051-1110					
93I	-13°607	+45°727	-4	M	...	99I	-9°598	+48°835	-3	...	...	105I	-5°465	-41°971	0°90	51.8595	10°0
...	13°600	+58°278	0°95	49.8582	9°9	...	9°529	-30°323	-3	...	...	...	5°420	-45°720	-5	...	...
*	13°531	-45°785	1°35	51.8577	9°0	...	9°480	-45°129	0°95	51.8584	9°8	...	5°380	+8°055	0°70	...	...
*	13°473	-2°270	1°00	50.8614	9°8	*	9°476	+43°842	1°25	50.8625	8°9	†	5°334	-4°131	0°75	50.8628	10°0
...	13°468	-3°872	-5	...	...	*	9°408	-11°911	1°00	51.8586	9°6	†	5°303	-25°848	0°70	...	...
...	-13°371	+47°567	-3	...	...	...	-9°361	-4°827	-3	...	...	†	-5°269	-22°840	-2	...	...
...	13°287	+30°946	-2	...	...	...	9°110	+3°137	-2	B	...	...	5°060	-7°993	-5	...	...
...	13°268	-32°025	-4	...	...	...	9°081	-10°654	-5	...	...	...	5°037	-21°326	0°70	...	...
...	13°264	-48°011	-5	...	...	...	9°025	+33°375	-3	...	...	...	4°956	-22°107	-3	...	...
...	13°196	-16°059	-4	...	...	...	9°003	+20°882	-4	M	...	...	4°770	+7°641	-5	M	...
94I	-13°160	+44°891	-4	M	...	100I	-8°911	+10°301	-5	M	...	106I	-4°767	+47°054	-2	...	...
...	13°153	-13°321	1°00	51.8578	9°6	...	8°867	-34°546	0°90	...	...	...	4°732	-52°301	-5	...	...
...	13°066	-49°773	-4	...	...	...	8°816	-14°827	-5	...	...	*	4°729	-41°659	1°00	51.8596	9°6
...	12°784	+37°076	-4	M	...	...	8°794	+19°754	-3	B	...	...	4°609	+27°143	-2	...	...
...	12°677	+1°739	-4	M	...	...	8°741	+25°606	-5	M	...	...	4°575	-53°453	-3	...	...
...	-12°571	-48°476	0°65	...	...	...	-8°585	+20°236	-5	M	...	*	-4°460	-42°896	1°20	51.8597	9°2
...	12°530	+13°637	-4	M	...	...	8°435	-5°098	0°85	51.8588	9°9	...	4°450	-53°710	-2	...	...
...	12°382	+2°118	-5	M	...	...	8°337	+44°150	-3	...	...	...	4°385	+22°155	0°95	50.8629	9°7
*	12°222	-15°780	1°20	51.8579	9°0	...	8°294	-7°742	0°75	...	...	...	4°383	+34°725	-2	...	...
...	12°211	+26°976	-3	...	...	...	8°258	+59°663	-3	...	...	...	4°059	+13°464	-3	B	...
95I	-12°203	+32°870	-4	M	...	101I	-8°209	-39°698	0°90	51.8587	10°0	107I	-4°057	-29°704	0°90	51.8599	9°9
...	12°162	+14°855	0°70	...	...	...	8°195	-3°770	-5	...	...	*	4°034	-26°124	1°30	51.8598	9°2
...	12°142	-25°963	-4	...	...	...	8°133	+48°021	-3	A	...	...	3°982	-56°869	-5	...	...
...	12°136	+34°440	-4	M	...	...	8°016	-40°293	0°90	51.8590	9°9	...	3°922	+46°109	0°70	...	...
...	12°120	-5°091	-5	...	...	...	7°926	+4°400	-2	A	...	...	3°720	-34°445	-2	...	...
...	-12°052	+30°678	0°70	...	...	...	-7°924	+10°952	-2	...	...	*	-3°711	-43°710	2°60	51.8600	8°2
...	12°017	+17°919	-5	M	...	...	7°823	+36°029	0°85	50.8626	10°0	...	3°655	-52°021	0°65	...	...
S *	11°999	+43°232	3°65	50.8616	7°6	...	7°660	-8°967	-5	...	...	...	3°654	-56°875	-5	...	...
...	11°974	-38°516	0°70	...	...	...	7°646	+31°394	-3	...	...	...	3°630	-0°195	-5	...	...
...	11°904	+9°103	-5	M	...	...	7°643	+44°987	-3	...	...	...	3°595	-10°902	-2	...	...
96I	-11°833	-50°323	-3	...	...	102I	-7°641	+40°888	-5	M	...	108I	-3°585	+37°691	1°00	50.8630	9°6
...	11°789	+59°655	1°10	49.8585	9°5	...	7°514	-31°549	-3	...	...	...	3°494	-10°529	-5	...	...
*	11°593	+29°259	1°00	50.8618	9°6	...	7°498	+8°779	-5	M	...	...	3°465	+23°491	-5	M	...
†	11°548	+24°939	-2	50.8617	10°0	...	7°498	-26°454	-2	...	...	...	3°365	+8°250	-4	M	...
...	11°452	-27°660	0°75	51.8581	9°9	...	7°424	-31°868	0°90	...	...	...	3°357	+32°781	-5	M	...
...	-11°147	+29°486	-5	M	...	...	-7°013	+34°120	0°80	...	...	...	-3°218	-52°898	-4	...	...
...	11°114	+47°394	-5	M	...	...	6°755	+51°929	-5	...	...	...	3°211	-51°417	-4	...	...
...	11°016	+9°436	-5	M	...	...	6°717	-40°165	-5	...	...	...	3°157	+29°584	-5	M	...
...	10°702	-7°647	-2	...	...	...	6°610	-40°364	-5	...	...	*	3°152	-16°372	1°00	51.8601	9°6
...	10°645	+22°262	-5	M	...	...	6°583	-51°631	-3	...	...	...	3°110	+9°550	-5	Mm	...
97I	-10°589	+40°269	-5	M	...	103I	-6°571	-31°290	-3	...	...	109I	-3°071	-28°293	-4	...	...
...	10°491	+16°885	0°75	...	...	...	6°484	+36°080	0°85	50.8627	10°0	...	3°031	+46°472	0°80	50.8631	10°0
...	10°469	-58°129	-4	...	...	...	6°402	+38°020	-2	...	...	*	2°882	-38°723	1°90	51.8603	8°4
*	10°467	+1°744	0°65	50.8619	10°0	...	6°380	+26°292	-5	M	...	*	2°829	-49°365	1°00	51.8602	9°8
*	10°291	+27°803	0°90	50.8620	9°9	...	6°218	-34°368	-2	...	...	...	2°749	+5°651	-2	...	...
...	-10°289	+29°345	1°05	50.8621	9°4	...	-6°153	+50°172	-3	...	...	...	-2°715	-31°288	0°85	51.8604	10°0
...	10°247	+26°475	-5	M	...	...	5°997	-44°174	-5	...	...	...	2°657	+29°031	0°90	50.8632	10°0
†	10°245	+40°894	0°85	50.8622	9°8	...	5°968	-41°023	-4	...	...	...	2°580	-17°109	-3	...	...
†	10°212	+57°984	0°90	49.8589	9°8	...	5°965	+19°698	0°65	...	...	*	2°541	-54°446	2°30	51.8605	8°0
...	10°188	-2°814	-3	...	...	*	5°939	-56°818	1°25	51.8591	9°0	...	2°485	-1°893	-4	...	...
98I	-10°141	-11°351	0°85	51.8582	10°0	104I	-5°888	-56°895	-4	...	...	110I	-2°405	-36°053	-4	...	...
...	10°035	+44°594	-3	...	...	...	5°867	-12°633	-4	...	...	...	2°370	-37°965	-4	...	...
...	10°035	+17°637	0°70	...	...	...	5°861	+14°851	-3	A	...	...	2°367	-33°456	-5	...	...
*	9°917	-12°797	1°25	51.8583	9°0	...	5°816	+18°160	0°70	...	...	...	2°353	+40°536	0°90	50.8633	10°0
*	9°914	+22°468	0°95	50.8624	9°7	...	5°788	+54°981	-3	B	...	...	2°323	-17°503	0°75	...	...
*	-9°837	-2°526	1°00	50.8623	9°8	...	-5°763	+44°160	-5	M	...	...	-2°273	+1°728	-4	Mm	...
...	9°755	+14°653	-5	M	...	...	5°723	-4°020	-4	...	...	*	2°225	+3°974	1°05	50.8634	9°4
...	9°739	-23°394	-3	...	...	...	5°721	+35°218	-3	A	...	...	2°200	-6°999	0°75	51.8607	10°0
...	9°671	-10°478	0°85	51.8585	10°0	*	5°691	-43°904	2°00	51.8592	8°2	...	2°157	-30°737	-5	...	...
...	9°661	-41°083	-5	...	...	...	5°513	-57°874	1°00	51.8593	10°0	...	2°149	-41°080	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.	
1111-1170						1171-1230						1231-1290						
IIII	...	...	...	...	...	II7I	...	...	...	...	...	I23I	...	...	...	...	...	
...	-2°034	-57°210	0·65	...	...	...	+2°088	+32°640	-5	Mm	...	...	...	+5°788	+4°017	0·70	50·8650	10·0
...	I·83I	+4°64I	0·70	50·8635	10·0	...	2°117	-40°862	-2	...	...	...	...	5°808	+0°826	-5	m	...
...	I·825	-20°047	0·70	...	...	...	2°122	+18°43I	-5	Mm	...	...	...	5°852	+22°473	0·90	50·865I	10·0
...	I·817	-0°557	0·65	...	...	...	2°142	-12°94I	-3	...	...	*	...	5°854	-56°97I	1·10	51·8623	9·6
...	I·776	+4I°228	-4	Mm	...	...	2°143	+19°41I	-5	Mm	...	...	...	5°868	-23°394	-5	...	...
...	-I·705	-42°192	-5	...	...	...	+2°183	-5°963	-5	...	...	...	...	+5°874	+25°918	-5	m	...
...	I·634	-58°938	0·80	51·8608	10·0	...	2°31I	-I°324	-4	...	...	...	...	5°983	+I°434	-4	m	...
...	I·527	+6°407	-4	Mm	...	...	2°374	-57°348	-5	...	...	...	...	6°073	-54°126	-4	...	...
*	I·428	-44°333	0·95	51·8609	9·8	...	2°440	+30°767	0·75	...	...	...	...	6°189	+9°65I	0·75	50·8652	10·0
*	I·400	+47°928	1·00	50·8636	9·7	...	2°509	+44°205	0·80	...	...	...	...	6°242	-56°044	0·95	51·8625	9·9
II2I	...	...	...	...	...	II8I	...	...	...	...	...	I24I	...	...	...	...	...	
...	-I·340	-13°820	-5	...	...	*	+2°55I	+29°488	1·00	50·8643	9·6	*	...	+6°283	+20°333	1·00	50·8653	9·5
...	I·314	-59°500	-3	...	...	*	2°562	-22°164	1·00	51·8616	9·6	...	...	6°358	+28°429	-4	...	...
...	I·20I	-17°478	-5	...	...	...	2°623	+48°123	-5	...	...	...	...	6°473	-24°653	-4	...	...
...	I·159	-47°860	-3	...	...	...	2°767	+42°554	-4	b	...	†	...	6°498	+15°02I	-4	...	...
...	0·940	+49°683	-4	...	...	...	2°815	+31°950	0·85	...	...	*	...	6°579	+37°922	1·10	50·8654	9·3
...	-0°857	-31°797	-4	...	...	...	+2°826	+30°260	-3	...	...	*	...	+6°687	-56°26I	1·10	51·8626	9·6
...	0·652	-27°97I	-5	...	...	...	2°889	-56°258	2·00	51·8617	8·4	...	...	6°734	+59°258	-5	...	...
*	0·612	+30°840	0·95	50·8637	9·9	*	3°124	+51°257	0·95	50·8644	9·8	...	...	6°747	+52°306	-5	m	...
*	0·469	+13°936	1·20	50·8638	9·I	...	3°220	+28°380	-5	m	...	...	...	6°793	-36°228	-5	...	...
...	0·438	-54°753	-4	...	...	...	3°309	-15°522	-5	...	...	...	...	6°896	+39°299	-4	m	...
II3I	...	...	...	...	...	II9I	...	...	...	...	...	I25I	...	...	...	...	...	
†	-0°206	+23°97I	-3	...	...	...	+3°313	+12°310	0·70	...	...	...	...	+6°909	-34°403	-4	...	...
...	0°183	-58°93I	-2	...	...	...	3°327	-28°975	0·95	51·8618	9·9	*	...	6°947	+46°239	2·10	50·8655	8·4
*	0°078	-47°398	1·00	51·8610	9·8	...	3°330	+39°048	-5	m	...	*	...	7°000	-24°132	1·00	51·8627	9·6
...	-0°062	-36°320	-5	...	...	...	3°337	-7°024	0·80	51·8619	10·0	...	...	7°255	+57°450	-5	...	...
...	+0°102	-41°164	0·95	51·861I	10·0	...	3°353	+3°582	-5	m	...	†	...	7°347	-4°908	1·60	51·8628	8·4
...	+0°158	+35°843	0·75	...	...	...	+3°408	+19°274	-5	m	...	*	...	+7°349	+11°093	1·00	50·8656	9·4
...	0°208	-33°427	0·80	...	...	...	3°437	-28°304	0·85	...	...	...	...	7°388	+38°913	-4	m	...
...	0°263	-54°949	-3	...	...	...	3°476	-44°426	-4	...	...	*	...	7°395	+13°589	1·00	50·8657	9·7
...	0°279	-17°182	-5	...	...	...	3°520	+8°876	-5	m	...	...	...	7°51I	+47°278	-5	m	...
*	0°293	-50°170	1·05	51·8612	9·6	...	3°602	-47°495	-4	...	...	...	...	7°619	-13°884	-5	...	...
II4I	...	...	...	...	...	I20I	...	...	...	...	...	I26I	...	...	...	...	...	
...	+0°31I	+5°957	-5	Mm	...	...	+3°796	-16°134	0·70	...	...	...	...	+7°674	+33°299	-5	m	...
...	0°314	+18°886	-5	Mm	...	...	3°839	+20°95I	0·80	...	...	...	...	7°772	+27°54I	-5	m	...
...	0°378	-36°048	-3	...	...	*	3°91I	+18°879	1·00	50·8645	9·4	...	...	7°852	-59°724	-5	...	...
*	0°443	-21°756	0·95	51·8613	9·8	...	4°086	+50°153	-5	m	...	...	...	7°87I	-2°494	-5	...	...
*	0°467	+40°929	1·40	50·8639	8·8	...	4°363	-51°218	-4	...	...	...	...	7°914	-17°907	-5	...	...
...	+0°488	-38°869	-5	...	...	...	+4°389	+39°442	-5	m	...	...	...	+7°917	-35°742	-5	...	...
...	0°648	+33°402	-5	Mm	...	...	4°404	-3°842	0·85	50·8646	10·0	...	...	8°043	+6°430	-3	b	...
...	0°683	+36°787	0·75	...	...	†	4°429	+54°902	1·10	50·8647	9·2	...	...	8°05I	+49°136	-5	m	...
...	0°710	+51°923	-4	...	...	...	4°563	+42°02I	-5	m	...	...	...	8°079	-10°483	-5	...	...
...	0°720	-25°36I	0·70	...	...	†	4°660	-17°652	-2	...	...	...	...	8°120	+6°675	0·70	...	...
II5I	...	...	...	...	...	I21I	...	...	...	...	...	I27I	...	...	...	...	...	
...	+0°824	-46°592	-3	...	...	†	+4°664	+7°240	0·80	50·8648	10·0	...	...	+8°333	-43°869	0·65	...	...
†	0°826	+44°838	-3	...	...	...	4°792	-26°730	-3	...	...	*	...	8°538	+29°330	1·00	50·8658	9·4
...	0°886	-46°809	-5	...	...	...	4°927	-36°537	-4	...	...	...	...	8°578	-55°824	0·70	...	...
*	0°943	-58°964	1·20	51·8614	9·4	...	4°972	-27°805	-2	...	...	...	...	8°606	-45°670	-5	...	...
...	0°998	-16°085	-3	...	...	*	5°088	-52°030	1·00	51·8620	9·6	...	...	8°699	-36°110	-5	...	...
...	+I°022	+4°144	-4	Mm	...	...	+5°098	-17°057	-4	...	...	...	...	+8°796	-7°946	-5	...	...
...	I°034	-25°779	-3	...	...	...	5°108	+24°472	-4	...	...	*	...	8°837	-29°696	1·00	51·8629	9·8
...	I°047	+43°510	-5	M	...	...	5°225	-57°89I	-5	...	...	...	...	8°840	-46°080	-3	...	...
...	I°06I	-11°415	-5	...	...	*	5°255	-32°528	1·20	51·8621	9·2	...	...	8°87I	+57°190	-I	...	...
*	I°078	+26°665	1·40	50·8640	8·7	...	5°268	-23°188	-3	...	...	...	...	8°899	-31°577	0·90	51·8630	10·0
II6I	...	...	...	...	...	I22I	...	...	...	...	...	I28I	...	...	...	...	...	
*	+I°14I	+55°182	1·00	50·864I	9·8	...	+5°307	-7°919	0·80	51·8622	9·6	...	...	+8°927	-0°899	-5	...	...
...	I°175	+10°606	0·70	M	...	...	5°330	+36°803	-2	...	...	*	...	8°94I	+33°153	1·40	50·8659	8·7
...	I°362	+29°613	-3	...	...	†	5°354	-24°922	-5	...	...	...	...	9°084	+53°709	0·90	50·8660	9·8
*	I°43I	+53°932	1·05	50·8642	9·4	...	5°415	+52°504	-4	...	...	...	...	9°122	+43°684	-5	m	...
...	I°469	+4°024	0·85	...	...	...	5°446	+40°989	0·70	...	...	...	...	9°159	+3°177	-5	m	...
...	+I°479	-58°257	-5	...	...	...	+5°478	-55°31I	-5	...	...	...	...	+9°202	-30°31I	-4	...	...
...	I°533	+42°106	-4	...	...	*	5°554	+34°237	1·50	50·8649	8·7	...	...	9°218	+40°789	-3	...	...
...	I°593	-41°784	0·90	51·8615	10·0	...	5°582	+29°542	-3	...	...	...	...	9°253	+10°782	-3	...	...
...	I°75I	+4°257	-5	Mm	...	...	5°654	-40°267	-4	...	...	...	...	9°286	-20°955	-4	...	...
...	I°830	+6°456	-5	Mm	...	*	5°733	-22°425	1·05	51·8624	9·6	...	...	9°328	+41°436	-5	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.			
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.		
1291-1350						1351-1410						1411-1470							
I29I	+	9°340	+33°631	-5	m	I35I	+	13°692	-51°283	1°00	51.8642	9.4	I41I	+	16°659	+58°392	1°15	49.8646	9.2
*	...	9°360	-56°926	1°10	51.8631	...	...	13°711	-16°375	-5	...	...	*	...	16°715	-24°433	1°00	51.8653	9.8
...	...	9°364	+24°350	-2	...	...	...	13°825	+42°638	0°90	50.8676	9.8	...	...	16°741	+14°752	-4	m	...
...	...	9°423	-50°231	-4	...	...	...	13°844	+26°900	-2	...	...	...	...	16°753	+16°337	-3	...	...
...	...	9°571	-51°359	0°90	51.8632	...	...	13°946	-11°662	-4	...	...	*	...	16°759	-22°087	1°00	51.8654	9.6
†	+	9°584	-48°337	-4	...	...	...	+14°045	-55°488	0°95	51.8644	9.9	...	...	+16°803	+58°884	-3	49.8647	10.0
...	...	9°604	+52°867	0°85	50.8661	...	...	14°052	-5°960	0°90	51.8643	10.0	...	...	16°803	-26°461	0°70	...	...
...	...	9°835	-31°513	-2	...	...	...	14°285	+51°772	-5	m	...	...	...	16°818	+55°165	-4	...	...
...	...	9°841	+47°804	-4	...	...	...	14°338	+49°015	0°85	50.8677	10.0	*	...	16°922	-34°772	1°05	51.8655	9.6
†	...	9°902	+10°568	-5	m	...	...	14°443	-47°060	1°00	51.8645	9.6	...	...	17°053	+10°176	0°85	50.8688	9.9
I30I	+	9°918	-14°815	1°15	51.8633	I36I	+	14°535	+46°450	0°70	...	...	I42I	+	17°065	+4°806	1°20	50.8691	9.4
*	...	9°955	-45°487	0°70	...	...	...	14°635	-35°986	0°80	51.8647	9.9	*	...	17°072	+0°815	0°95	50.8689	9.6
...	...	10°019	+43°685	-3	...	...	...	14°699	+46°742	1°00	50.8678	9.1	*	...	17°083	+7°103	1°00	50.8690	9.5
...	...	10°069	+42°714	0°80	50.8662	...	...	14°701	-15°867	0°95	51.8646	9.6	...	...	17°123	+26°191	-5	...	...
...	...	10°160	-21°828	-5	...	...	...	14°747	-6°608	-2	...	...	...	...	17°181	+31°123	-5	m	...
*	+	10°160	-41°342	1°00	51.8634	...	...	+14°958	+35°434	-3	a	...	...	...	+17°222	+55°494	-5	...	...
...	...	10°179	+34°988	0°75	50.8663	...	...	14°960	+29°115	-4	...	...	...	...	17°232	+20°204	0°85	50.8692	10.0
*	...	10°232	36°767	1°00	51.8635	...	...	15°013	+34°944	-5	m	...	...	...	17°292	-4°642	-1	...	...
...	...	10°259	+53°306	-5	m	...	...	15°067	-1°985	1°00	50.8679	9.6	...	...	17°318	+13°965	0°70	50.8693	10.0
...	...	10°376	+45°299	0°90	50.8664	...	...	15°091	+15°017	0°70	50.8680	9.9	*	...	17°473	-37°752	1°10	51.8656	9.4
I31I	+	10°434	+52°729	0°90	50.8665	I37I	+	15°098	+50°351	0°65	...	...	I43I	+	17°516	+33°590	0°75	50.8694	9.8
...	...	10°480	+41°431	-5	m	...	...	15°122	-10°577	0°70	51.8648	10.0	...	...	17°527	-37°092	-5	...	...
*	...	10°750	+25°828	1°00	50.8666	...	...	15°307	+45°680	-5	m	...	...	...	18°039	-2°943	-4	...	...
...	...	10°973	+33°681	-5	m	...	...	15°331	-57°524	-4	...	...	...	...	18°093	+15°031	-3	...	...
...	...	11°007	-33°199	-3	...	...	...	15°387	-25°767	-3	...	...	...	...	18°148	+25°136	-5	m	...
*	+	11°040	+41°456	1°00	50.8667	...	...	+15°405	-27°634	-5	...	...	...	†	+18°231	-49°865	0°95	51.8657	9.8
*	...	11°137	+23°266	1°00	50.8668	...	...	15°412	+26°038	-3	...	...	...	...	18°325	-43°700	-5	...	...
...	...	11°274	-44°356	-2	...	...	...	15°516	-17°286	-5	...	...	...	...	18°350	+53°030	0°95	50.8695	9.8
*	...	11°279	-15°384	0°95	51.8636	...	...	15°517	+28°253	-1	...	...	...	...	18°386	+45°762	-2	...	...
...	...	11°428	-9°439	-5	...	...	...	15°586	+20°769	-5	m	...	...	...	18°387	+31°169	0°75	50.8696	10.0
I32I	+	11°505	-38°988	-3	...	I38I	+	15°615	-29°995	0°85	51.8649	9.8	I44I	+	18°456	-1°536	0°95	50.8697	9.8
*	...	11°534	-39°348	1°00	51.8637	...	...	15°709	-40°032	1°10	51.8650	9.6	*	...	18°508	-30°155	1°05	51.8658	9.4
...	...	11°536	+15°858	-5	m	...	...	15°712	-9°877	1°10	51.8651	9.4	*	...	18°545	+14°523	1°00	50.8698	9.6
...	...	11°546	+47°789	-5	m	...	...	15°748	+28°818	0°70	...	...	...	†	18°582	+34°836	-3	...	...
...	...	11°569	-23°430	-5	...	...	...	15°780	+33°596	1°10	50.8681	9.2	...	...	18°911	+19°122	-4	m	...
*	+	11°595	-48°859	1°15	51.8638	...	...	+15°822	-6°329	-3	...	...	...	*	+18°993	+4°156	1°00	50.8699	9.8
...	...	11°625	-13°256	0°85	50.8669	...	...	15°870	-8°308	0°70	...	...	...	...	19°057	-46°559	-5	...	...
...	...	11°626	+21°849	-4	...	...	...	15°927	-33°898	-4	...	...	...	*	19°118	-38°757	1°00	51.8659	9.9
...	...	11°639	-55°853	-3	...	...	...	15°952	+37°094	0°95	50.8682	9.6	...	...	19°193	+24°627	-5	m	...
...	...	11°677	+23°862	0°90	50.8670	...	...	16°031	+14°115	0°85	50.8683	9.9	...	...	19°216	-20°669	-3	...	...
I33I	+	11°960	+10°045	-2	...	I39I	+	16°069	+46°788	-5	m	...	I45I	+	19°278	-0°346	1°35	50.8700	9.0
...	...	12°178	+36°406	0°80	50.8671	...	...	16°131	+47°143	-5	m	...	...	*	19°307	-25°582	1°00	51.8660	9.6
...	...	12°356	+32°520	-5	m	...	...	16°141	+34°529	-5	...	...	...	...	19°345	-8°861	-4	...	...
*	...	12°426	+52°206	1°00	50.8672	...	...	16°228	-23°200	0°90	50.8684	9.9	...	...	19°375	+4°212	-5	m	...
...	...	12°441	-39°124	1°00	51.8639	...	...	16°258	+56°409	-5	...	...	...	*	19°408	+8°807	1°00	50.8701	9.8
...	+	12°481	+35°581	0°75	...	...	...	+16°311	+20°825	-4	...	...	...	*	+19°512	+2°030	1°00	50.8702	9.7
...	...	12°502	+45°788	0°80	50.8673	...	...	16°314	+47°535	-4	...	...	...	...	19°562	+22°631	-5	m	...
...	...	12°637	+19°500	-5	m	...	...	16°316	+23°399	-5	m	...	...	†	19°646	-38°238	-3	...	...
†	...	12°660	+4°969	-4	...	...	...	16°360	+54°673	1°10	50.8686	9.4	...	†	19°697	+41°327	-4	...	...
...	...	12°727	+26°073	-5	m	...	...	16°372	+49°210	1°20	50.8685	9.3	...	†	19°737	-11°918	0°80	51.8661	10.0
I34I	+	12°893	+49°941	-5	m	I40I	+	16°401	+30°396	-5	m	...	I46I	+	19°801	-1°962	-3	...	...
...	...	12°951	+55°152	-3	...	...	...	16°405	+47°941	-3	...	...	...	...	19°935	-43°795	0°80	51.8662	10.0
...	...	12°954	+31°272	-4	...	...	...	16°429	+3°098	-3	b	...	...	*	20°015	-40°357	0°90	51.8663	10.0
...	...	13°119	-28°061	0°80	...	...	...	16°442	+32°911	1°60	50.8687	8.5	...	...	20°179	-22°587	0°90	51.8664	9.8
...	...	13°131	+32°715	-5	m	...	...	16°472	-20°687	-3	...	...	...	...	20°376	+38°785	-3	...	...
...	+	13°139	+42°850	0°75	50.8674	...	...	+16°536	-29°077	1°50	51.8652	8.6	...	...	+20°405	-51°573	-5	...	...
*	...	13°222	+47°862	1°45	50.8675	...	...	16°540	+32°779	-5	...	...	...	...	20°417	-31°699	-2	...	...
*	...	13°306	-19°486	1°10	51.8640	...	...	16°563	+18°870	-4	...	...	...	...	20°516	-58°398	-5	...	...
*	...	13°486	-18°629	0°95	51.8641	...	...	16°599	-0°130	-5	...	...	...	†	20°701	-24°888	-4	...	...
...	...	13°561	-15°609	-2	...	...	...	16°619	+39°213	-5	m	...	...	...	20°710	-48°497	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1471-1530						1531-1590						1591-1650					
1471 ^I *	+20°821	-44°461	1°00	51.8665	9.6	1531 ^I †	+24°680	-11°219	-4	...	...	1591 ^I ...	+28°636	-31°779	-5	...	...
...	20°883	-13°349	-5	...	...	...	24°813	+2°555	-5	<i>m</i>	...	...	28°656	-49°231	-5	...	...
*	20°902	+30°743	1°00	50.8703	9.7	...	24°828	+54°460	-3	...	...	...	28°825	+35°617	-5	<i>m</i>	...
...	21°022	+29°439	-2	...	...	...	24°942	+21°856	-5	<i>m</i>	...	...	28°848	+51°411	-5	<i>m</i>	...
...	21°098	+23°853	-5	<i>m</i>	...	...	24°953	-18°470	1°20	51.8674	9.2	...	28°946	-40°960	-2	...	...
...	+21°100	-51°102	1°00	51.8666	10.0	...	+25°113	+28°050	-3	...	...	...	+28°972	-53°666	1°00	51.8684	9.8
...	21°126	-51°930	-3	...	...	...	25°127	+40°033	0°90	50.8710	9.8	...	29°009	+4°813	-2	...	...
...	21°200	-32°772	-4	...	...	...	25°135	-5°082	-2	...	...	...	29°052	-2°187	-2	...	...
...	21°252	-30°505	-5	<i>p</i>	...	*	25°142	-10°390	1°00	51.8675	9.8	...	29°177	-25°116	-3	...	...
...	21°362	-39°729	-5	...	...	...	25°144	+11°828	-5	<i>m</i>	...	...	29°290	+22°145	-4	...	...
1481 ^I ...	+21°408	+31°643	-5	...	...	1541 ^I ...	+25°184	+41°516	1°00	50.8711	9.8	1601 ^I ...	+29°296	+20°749	-5	<i>m</i>	...
...	21°414	+20°517	-5	<i>m</i>	...	...	25°302	+50°242	1°10	50.8712	9.4	†	29°652	+40°825	0°70	50.8720	10.0
...	21°427	+30°611	0°75	...	...	<i>S</i> *	25°371	+9°687	3°00	50.8713	7.6	...	29°734	-27°137	-5	...	...
†	21°510	+9°944	-5	...	...	...	25°386	-17°327	-5	...	...	...	29°902	-18°714	-5	...	...
...	21°595	-11°059	-4	...	...	...	25°453	+11°907	-4	<i>m</i>	...	...	30°052	+1°616	0°70	...	...
...	+21°619	+20°801	-5	<i>m</i>	...	...	+25°580	-41°792	-4	...	...	*	+30°077	+32°035	1°15	50.8721	9.1
...	21°685	+36°195	0°70	...	...	...	25°730	-18°277	-5	...	...	...	30°094	-6°719	0°90	51.8685	10.0
...	21°689	-16°651	0°75	...	...	*	25°761	-57°640	1°00	51.8676	10.0	...	30°145	-42°913	0°75	...	...
...	21°716	+35°742	0°70	...	...	...	25°897	-39°448	-4	...	...	...	30°171	+13°875	-2	...	...
...	21°759	+7°846	-5	<i>m</i>	...	*	25°966	-31°956	1°00	51.8677	9.6	...	30°491	+10°426	-5	<i>m</i>	...
1491 ^I *	+21°846	-26°627	1°00	51.8667	9.4	1551 ^I ...	+26°027	-16°252	-3	...	...	1611 ^I †	+30°567	+49°785	1°15	50.8722	9.2
...	21°886	+50°367	-2	...	...	...	26°123	+14°044	-3	...	...	...	30°608	+27°878	0°65	...	...
...	21°928	+23°939	-5	<i>m</i>	...	*	26°162	-35°428	1°00	51.8678	9.4	...	30°696	-32°308	-5	...	...
...	21°938	+12°999	-5	<i>m</i>	...	...	26°285	+12°321	-5	<i>m</i>	...	...	30°931	+42°935	-3	...	...
...	21°945	-15°382	-4	...	...	...	26°381	+38°531	-4	...	...	...	31°133	-21°609	-5	...	...
...	+21°982	+17°741	-5	...	...	...	+26°388	-33°499	-5	...	...	...	+31°142	-23°136	-3	...	...
...	22°012	+35°603	-2	...	...	...	26°540	-55°154	-4	...	...	...	31°269	-36°366	0°85	51.8687	10.0
*	22°184	+18°817	0°95	50.8704	9.6	...	26°614	-54°065	-5	...	...	*	31°519	-1°299	2°00	50.8723	8.1
...	22°236	-43°495	-2	...	...	*	26°614	-22°127	1°10	51.8679	9.6	...	31°540	+37°278	-3	...	...
*	22°322	+23°874	0°95	50.8705	9.6	...	26°804	+27°201	0°70	...	...	...	31°605	-45°332	0°80	51.8688	10.0
1501 ^I ...	+22°327	-12°351	0°85	51.8668	10.0	1561 ^I *	+26°858	-2°501	1°05	50.8716	9.5	1621 ^I ...	+31°696	+22°324	-5	<i>m</i>	...
*	22°423	+20°339	1°00	50.8706	9.4	...	26°865	+57°508	-5	...	...	...	31°716	-56°985	1°00	51.8689	9.9
...	22°461	+9°069	-5	<i>m</i>	...	*	26°893	+20°952	1°10	50.8714	9.4	...	31°780	-30°839	0°85	...	...
...	22°561	-1°746	-4	...	...	...	27°010	-4°317	-3	...	...	...	31°817	+10°786	-3	...	...
...	22°722	+53°822	-5	<i>m</i>	...	...	27°050	+32°940	-4	<i>a</i>	...	*	31°844	+18°544	1°00	50.8724	9.8
<i>S</i> *	+22°785	-19°079	3°30	51.8669	7.6	...	+27°059	-58°035	0°90	51.8680	10.0	...	+32°012	+26°560	-5	<i>m</i>	...
*	22°913	-1°793	1°00	50.8707	9.5	*	27°119	+42°541	1°00	50.8715	9.7	...	32°130	-27°370	-5	...	...
†	23°036	-9°992	0°95	51.8671	9.6	...	27°124	+7°436	-4	...	...	...	32°223	+46°806	-5	...	...
*	23°043	-25°516	1°00	51.8670	9.6	...	27°169	-7°758	0°70	...	...	...	32°267	-5°942	0°75	51.8690	10.0
*	23°046	+27°688	0°95	50.8708	9.6	...	27°299	+41°590	0°65	...	...	...	32°404	-16°646	-5	...	...
1511 ^I ...	+23°071	+53°724	-1	...	...	1571 ^I ...	+27°368	-3°528	0°75	50.8717	10.0	1631 ^I ...	+32°418	-26°426	-3	...	...
...	23°098	+48°302	-2	...	...	...	27°391	+13°409	-5	<i>m</i>	...	...	32°440	-16°796	0°75	...	...
...	23°222	-49°874	-5	...	...	...	27°468	+55°136	-4	<i>a</i>	...	...	32°573	-21°008	0°75	...	...
...	23°227	+58°584	-1	49.8662	10.0	...	27°608	+45°994	-5	<i>m</i>	...	...	32°592	+24°649	-4	...	...
*	23°310	+38°398	1°05	50.8709	9.2	...	27°611	-51°332	1°00	51.8682	9.6	...	32°668	+2°045	-2	...	...
...	+23°399	-41°781	0°90	51.8672	10.0	...	+27°652	+6°269	-3	...	...	...	+32°693	-1°902	-5	...	...
...	23°402	+15°581	-5	<i>m</i>	...	*	27°663	-3°693	1°10	50.8718	9.4	*	32°714	+25°575	2°00	50.8725	8.5
...	23°520	-12°087	-5	...	...	...	27°719	-8°758	-4	...	...	...	32°732	+30°792	-5	<i>m</i>	...
...	23°555	+46°177	-3	...	...	...	27°838	-15°807	-5	...	...	...	32°766	+32°444	0°85	50.8726	10.0
...	23°837	-36°245	0°70	51.8673	9.8	...	27°876	+52°632	-5	<i>m</i>	...	...	32°819	-2°521	0°85	...	...
1521 ^I ...	+23°864	-21°690	-2	...	...	1581 ^I ...	+27°975	+20°920	-3	...	...	1641 ^I *	+32°987	+11°411	1°20	50.8729	9.1
...	23°920	-0°314	-5	...	...	...	28°006	-30°635	0°70	...	...	<i>S</i> *	33°162	+40°935	3°00	50.8728	7.6
...	23°952	-55°807	-5	...	...	...	28°044	+53°893	-5	<i>m</i>	...	...	33°199	+54°272	1°00	50.8727	9.8
...	24°283	+10°802	-5	<i>m</i>	...	*	28°181	+46°696	1°00	50.8719	9.6	...	33°238	+1°257	-3	<i>a</i>	...
...	24°400	+11°300	-3	...	...	†	28°256	-49°950	-1	...	...	...	33°239	+1°807	-5	<i>m</i>	...
...	+24°482	+44°764	-5	<i>m</i>	...	...	+28°423	+15°965	-5	<i>m</i>	...	...	+33°242	+4°248	0°70	...	...
...	24°486	-28°423	-5	...	...	...	28°448	+46°864	-4	...	...	*	33°312	-40°736	1°00	51.8691	9.6
...	24°489	+55°244	-3	...	...	...	28°451	-24°460	-5	...	...	*	33°371	-54°680	1°00	51.8692	9.8
...	24°529	+4°270	-3	...	...	...	28°489	-33°599	-5	...	...	...	33°640	+52°456	1°00	50.8730	10.0
†	24°674	+14°644	-2	...	...	...	28°632	-12°142	-4	...	...	...	33°720	-39°432	1°00	51.8693	9.9

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1651-1710						1711-1770						1771-1830					
I65I	...	...	...	...	...	I71I	...	...	...	...	...	I77I	...	...	...	...	...
...	+33°46'	-11°935'	0.70	...	...	...	+38°457'	-43°997'	-4	...	...	...	+43°480'	-3°883'	-2	...	...
...	33°792'	+11°037'	0.85	50.8731	10.0	...	38°528'	-56°192'	-4	...	...	...	43°634'	-34°984'	-3	...	...
...	33°835'	-32°811'	0.70	...	...	...	38°572'	+24°793'	-4	b	...	...	43°694'	-10°464'	-4	...	...
...	33°946'	+56°126'	-4	...	...	...	38°579'	-41°492'	-5	...	...	*	43°775'	+30°863'	1.00	50.8750	9.6
N	34°170'	-49°025'	1.00	51.8695	10.0	...	38°652'	+1°125'	-5	m	...	...	43°846'	-50°016'	-5	...	...
...	+34°200'	+3°577'	0.90	50.8732	10.0	...	+38°828'	-52°469'	-3	...	...	*	+43°999'	-10°539'	0.85	51.8713	10.0
*	34°211'	-48°573'	1.00	51.8696	9.6	...	38°899'	+24°822'	-5	m	...	...	44°154'	+36°998'	-4	...	...
*	34°300'	-32°999'	1.00	51.8697	9.6	†	39°030'	-49°887'	-5	...	...	...	44°252'	-47°948'	-4	...	...
...	34°305'	+19°220'	-5	m	...	...	39°059'	+1°566'	-5	m	...	...	44°283'	-23°521'	0.75	...	...
...	34°351'	+51°416'	-5	...	...	...	39°061'	+30°952'	0.90	50.8738	10.0	*	44°285'	+16°786'	0.90	50.8752	10.1
I66I	...	...	...	...	...	I72I	...	...	...	...	...	I78I	...	...	...	...	...
...	+34°381'	+15°459'	-5	m	...	...	+39°110'	-24°537'	-4	...	...	...	+44°315'	+4°393'	-2	...	...
...	34°443'	-6°403'	-4	...	...	...	39°194'	-11°115'	0.70	...	...	†	44°320'	-25°029'	0.75	...	...
...	34°448'	-9°350'	-5	...	...	...	39°242'	-51°819'	-5	...	...	...	44°402'	+25°062'	0.80	50.8751	10.1
...	34°522'	+19°811'	-3	b	...	...	39°270'	-16°764'	-5	...	...	†	44°742'	+2°818'	1.00	50.8754	8.2
...	34°572'	+44°743'	-3	...	...	...	39°299'	+43°841'	0.85	50.8739	10.0	...	44°790'	+21°284'	-1	...	...
†	+34°681'	+0°069'	-4	a	...	...	+39°356'	+57°978'	-5	m	...	...	+44°806'	+58°870'	0.75	49.8717	9.9
†	34°706'	+36°727'	-2	...	...	...	39°448'	+4°113'	-5	m	...	...	44°904'	+33°431'	-5	m	...
...	34°747'	-18°066'	-2	...	...	...	39°453'	-17°241'	-5	...	...	...	44°934'	+5°151'	-5	m	...
...	35°165'	-32°035'	-2	...	...	...	39°510'	-6°841'	-5	...	...	...	44°952'	+31°391'	-3	...	...
*	35°387'	-21°665'	1.00	51.8698	9.9	...	39°724'	-6°211'	-5	...	...	...	44°970'	+37°715'	0.85	50.8753	10.1
I67I	...	...	...	...	...	I73I	...	...	...	...	...	I79I	...	...	...	...	...
...	+35°455'	-30°364'	-4	...	...	...	+39°797'	+19°442'	-5	m	...	*	+45°148'	+23°809'	1.10	50.8755	9.4
...	35°634'	-50°332'	-5	...	...	...	39°975'	+49°250'	-4	...	...	*	45°404'	+12°414'	1.05	50.8757	9.4
...	35°750'	-7°278'	0.90	51.8699	9.9	...	40°220'	+11°412'	-5	m	...	*	45°440'	+11°817'	1.05	50.8758	9.5
...	35°754'	-40°679'	-3	...	...	...	40°334'	+20°140'	0.65	50.8740	10.0	...	45°527'	+37°495'	-5	m	...
...	35°837'	+38°238'	-2	...	...	...	40°376'	-10°392'	-5	...	...	*	45°675'	+48°134'	3.00	50.8756	7.8
*	+35°842'	+20°925'	1.00	50.8733	9.6	*	+40°391'	-38°231'	1.05	51.8704	9.2	...	+45°722'	+45°132'	-5	m	...
*	36°044'	-35°279'	1.00	51.8700	9.9	...	40°405'	+16°693'	-5	m	...	...	45°728'	+56°424'	-1	49.8719	10.0
*	36°119'	+21°957'	1.00	50.8734	9.6	...	40°455'	-56°680'	-5	...	...	*	45°728'	-41°786'	1.10	51.8714	9.6
...	36°176'	-45°817'	-4	...	...	...	40°557'	+1°802'	0.90	50.8742	9.9	*	45°895'	-28°606'	1.05	51.8715	9.4
...	36°230'	+23°407'	0.70	...	...	*	40°718'	-25°444'	1.00	51.8705	9.6	...	46°041'	-41°374'	-4	...	...
I68I	...	...	...	...	...	I74I	...	...	...	...	...	I80I	...	...	...	...	...
...	+36°233'	+29°196'	-4	...	...	...	+40°767'	-0°401'	-2	...	...	*	+46°096'	-14°883'	1.00	51.8717	9.6
...	36°274'	+39°961'	-4	a	...	...	40°797'	+59°205'	-5	...	...	...	46°197'	+3°373'	0.90	50.8759	10.1
...	36°358'	-34°591'	-3	...	...	...	40°803'	-53°612'	-5	...	...	...	46°305'	-24°612'	0.85	51.8718	10.0
†	36°422'	+59°755'	-1	49.8693	9.9	...	40°873'	-37°443'	-5	...	...	*	46°327'	-24°388'	1.00	51.8719	9.6
...	36°456'	+7°368'	-3	...	...	...	40°918'	+37°732'	1.00	50.8741	9.5	...	46°432'	-0°190'	-4	...	...
*	+36°572'	-53°223'	1.60	51.8701	8.6	...	+41°003'	+23°960'	0.65	50.8743	10.0	...	+46°749'	+29°304'	-1	...	...
...	36°578'	+6°073'	0.80	...	...	...	41°467'	-0°081'	0.90	50.8744	9.9	...	46°913'	-55°631'	-1	...	...
...	36°708'	-3°548'	0.70	50.8735	10.0	S	41°507'	-33°983'	3.00	51.8706	7.4	...	47°276'	+0°320'	-5	m	...
*	36°822'	-45°195'	1.30	51.8702	9.2	*	41°614'	-41°244'	1.00	51.8708	9.6	...	47°293'	-18°985'	-5	...	...
...	36°873'	+20°161'	-5	m	...	*	41°632'	-30°419'	1.10	51.8707	9.2	...	47°399'	+26°656'	0.85	50.8761	10.1
I69I	...	...	...	...	...	I75I	...	...	...	...	...	I81I	...	...	...	...	...
...	+36°878'	+25°458'	-5	m	...	...	+41°748'	+19°512'	0.70	...	...	...	+47°410'	+24°249'	-1	50.8760	10.1
...	37°288'	+34°705'	-5	m	...	...	41°994'	+9°238'	-3	a	...	...	47°470'	-2°141'	-5	...	...
*	37°436'	+29°471'	1.00	50.8736	9.6	*	42°136'	+43°655'	1.10	50.8745	9.4	...	47°476'	+29°777'	0.65	50.8763	10.0
*	37°583'	+58°291'	1.05	49.8697	9.5	...	42°170'	+10°173'	-5	m	...	...	47°572'	+4°696'	-3	...	...
...	37°621'	+19°391'	-5	m	...	...	42°248'	+21°762'	-5	m	...	*	47°584'	+30°127'	1.00	50.8762	9.9
...	+37°691'	+17°096'	-4	a	...	...	+42°548'	+14°129'	-3	b	...	...	+47°639'	-3°199'	-5	...	...
†	37°755'	-44°910'	-5	...	...	...	42°573'	+8°024'	0.85	50.8747	10.0	...	47°656'	+24°091'	-5	m	...
...	37°877'	-19°406'	-5	...	...	*	42°632'	+33°505'	1.00	50.8746	9.4	...	47°674'	-15°754'	-3	...	...
*	37°908'	+38°778'	1.00	50.8737	9.7	...	42°884'	+11°571'	-2	...	...	...	47°758'	+25°998'	-4	...	...
...	37°956'	+53°908'	-5	m	...	...	42°898'	+7°633'	-5	m	...	*	47°873'	-48°158'	1.20	51.8721	9.6
I70I	...	...	...	...	...	I76I	...	...	...	...	...	I82I	...	...	...	...	...
...	+37°978'	+24°380'	-4	b	...	...	+42°928'	+26°929'	-5	m	...	*	+47°935'	+3°205'	3.30	50.8764	7.4
...	38°038'	-5°911'	-5	...	...	*	42°949'	-51°150'	1.50	51.8710	9.2	...	47°998'	-10°233'	-5	...	...
...	38°080'	+45°228'	-3	...	...	...	43°065'	-30°976'	0.90	51.8709	10.0	*	48°024'	-46°062'	1.30	51.8722	9.4
...	38°178'	-46°358'	-2	...	...	...	43°085'	+20°164'	-2	...	...	...	48°056'	+35°933'	-4	b	...
†	38°222'	+59°806'	-2	...	...	...	43°122'	+53°321'	-5	...	...	...	48°073'	+22°806'	-5	m	...
...	+38°265'	+36°264'	-4	...	...	*	+43°139'	+31°832'	1.00	50.8748	9.6	...	+48°152'	-52°788'	-5	...	...
...	38°298'	-41°106'	0.65	...	...	...	43°268'	-54°191'	-1	51.8712	10.0	...	48°220'	-6°117'	-5	...	...
...	38°367'	+56°561'	-4	...	...	...	43°277'	-39°193'	0.95	51.8711	9.9	...	48°255'	-42°911'	-3	...	...
†	38°433'	-5°026'	-5	...	...	...	43°367'	+52°008'	-2	...	...	*	48°267'	-26°751'	1.00	51.8723	9.6
...	38°433'	-59°689'	-3	51.8703	10.0	...	43°418'	+29°157'	0.90	50.8749	10.0	...	48°291'	+9°502'	-3	...	...

1655. Partly obscures 2nd image of 1657.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1831-1890						1891-1950						1951-1966					
I83I	+48'650	-46'300	-5	...	...	I89I	+52'660	+39'646	-2	...	...	I95I	+58'264	+12'824	1'00	50.8784	10.1
...	48'889	+23'409	-5	m	...	...	52'878	+31'895	1'00	50.8778	9.9	...	58'371	-12'984	0'75	e	...
*	48'996	-28'481	1'05	51.8724	9.6	...	52'883	+2'482	0'80	50.8779	10.1	...	58'669	+9'266	-5	m	...
...	49'053	-52'062	-5	...	...	e	52'926	-25'887	0'90	51.8732	10.2	...	58'782	-39'633	-2	e	...
...	49'142	+31'407	0'85	50.8765	10.1	...	52'967	+33'782	-3	...	...	...	58'876	+31'901	-4	...	...
...	+49'150	+4'626	-5	m	...	...	+53'097	+55'984	-5	...	...	...	+58'965	+21'609	0'95	50.8786	10.1
...	49'194	-38'515	-5	p	...	...	53'131	-3'330	-4	...	...	...	58'986	-25'182	-3	e	...
...	49'283	-6'570	-5	...	...	...	53'306	+28'223	-5	m	...	...	59'076	-23'634	0'75	e	...
...	49'354	-7'402	0'75	51.8725	9.6	...	53'343	-14'854	0'90	e	...	...	59'115	-12'597	-1	e	...
...	49'436	+25'458	-5	m	...	...	53'576	+24'249	-5	m	...	...	59'123	+27'729	1'25	50.8785	9.1
I84I	...	...	...	...	...	I90I	...	...	...	...	...	I96I	...	...	...	...	...
*	+49'502	+19'597	1'80	50.8767	8.3	...	+53'635	-22'562	-2	e	...	...	+59'166	+14'595	-5	e	...
†	49'601	+37'495	-5	...	...	...	53'829	+33'694	-1	...	...	...	59'270	-25'360	-1	e	...
†	49'607	+47'175	-3	50.8766	10.1	...	53'848	-26'212	-3	e	...	e	59'390	-5'342	0'75	51.8736	10.2
...	49'660	-51'905	-1	51.8726	10.2	...	53'908	+56'986	-4	...	...	...	59'398	-49'643	-4	e	...
...	49'696	-50'092	-5	...	...	...	54'076	-45'128	-3	e	...	†	59'513	+7'781	1'20	50.8787	9.1
...	+49'777	-30'318	0'85	...	...	...	+54'349	+33'223	-1	...	...	S †	+59'547	+9'536	2'85	50.8788	7.8
...	49'791	+35'412	-5	...	...	...	54'394	-25'525	-5	e	...	...	...	...	...	...	...
*	49'863	-7'583	1'05	...	...	*	54'413	+43'203	1'15	50.8780	9.7	...	...	...	...	...	...
...	49'912	+25'402	-2	...	...	...	54'479	+35'262	-3	...	...	...	...	...	...	...	...
...	49'991	+43'307	1'00	50.8768	9.9	*	54'521	+38'004	1'00	50.8781	9.9	...	...	...	...	...	...
I85I	...	...	...	...	...	I91I	...	...	...	...	...	...	...	...	...	...	...
...	+50'026	+11'490	-5	...	...	†	+54'546	+9'840	-5	...	...	...	...	...	...	...	...
...	50'156	+33'057	-2	...	...	...	54'665	-40'879	0'80	e	...	...	...	...	...	...	...
†	50'319	+29'818	-5	m	...	...	54'729	+31'439	-5	...	...	...	...	...	...	...	...
*	50'403	+21'595	1'10	50.8769	9.5	...	54'945	-4'238	-5	e	...	...	...	...	...	...	...
*	50'510	-42'984	1'40	51.8728	9.2	...	55'208	-7'527	-2	e	...	...	...	...	...	...	...
...	+50'564	-5'664	-5	...	...	...	+55'292	-26'917	-5	e	...	...	...	...	...	...	...
...	50'590	+48'914	-2	...	...	...	55'313	+32'870	0'65	...	...	...	...	...	...	...	...
*	50'591	+12'049	1'00	50.8771	9.7	...	55'336	+6'443	0'70	...	...	...	...	...	...	...	...
*	50'607	+12'248	1'00	50.8770	9.7	...	55'368	-23'828	0'65	e	...	...	...	...	...	...	...
...	50'661	-42'177	-5	...	...	...	55'388	-49'259	-5	...	...	...	...	...	...	...	...
I86I	...	...	...	...	...	I92I	...	...	...	...	...	...	...	...	...	...	...
*	+50'708	+11'522	1'60	50.8772	8.8	...	+55'469	-45'497	-4	e	...	...	...	...	...	...	...
...	50'895	-46'669	-1	...	...	...	55'491	+21'682	-5	m	...	...	...	...	...	...	...
...	50'919	+50'160	-5	m	...	...	55'504	+29'948	-5	...	...	...	...	...	...	...	...
*	50'995	-11'347	0'70	...	...	...	55'517	+30'731	-5	...	...	...	...	...	...	...	...
*	51'078	-11'305	0'95	51.8727	9.8	e	55'562	-12'622	0'65	...	...	...	...	...	...	...	...
*	+51'073	-1'791	1'00	50.8775	9.7	...	+55'669	-14'272	-4	e	...	...	...	...	...	...	...
*	51'139	+36'442	1'00	50.8774	9.7	...	55'902	-48'445	-5	e	...	...	...	...	...	...	...
†	51'212	+44'870	-1	50.8773	10.1	...	56'099	-35'936	-4	e	...	...	...	...	...	...	...
...	51'451	-8'484	0'90	51.8729	10.2	...	56'280	+30'638	0'70	...	...	...	...	...	...	...	...
I87I	51'502	+34'610	-5	...	...	e	56'554	-30'794	0'80	51.8733	10.0	...	...	...	...	...	...
...	...	...	...	...	...	I93I	...	...	...	...	...	...	...	...	...	...	...
...	+51'545	+0'597	-5	m	...	e *	+56'766	-31'749	1'20	51.8734	9.6	...	...	...	...	...	...
...	51'574	-54'482	-4	e	...	...	56'911	-34'205	-4	e	...	...	...	...	...	...	...
...	51'595	+51'279	-5	m	...	...	57'088	-2'047	-5	p	...	...	...	...	...	...	...
...	51'611	-33'648	-5	...	...	...	57'178	-26'239	-4	e	...	...	...	...	...	...	...
*	51'677	-28'542	-3	...	...	...	57'187	-40'929	-5	e	...	...	...	...	...	...	...
...	+51'716	+21'389	0'95	50.8776	10.1	...	+57'197	+32'163	0'85	50.8782	10.1	...	...	...	...	...	...
...	51'781	+7'627	-5	m	...	...	57'208	+25'658	-3	...	...	...	...	...	...	...	...
...	51'831	+10'353	-4	m	...	...	57'231	+49'987	-3	...	...	...	...	...	...	...	...
...	51'945	+34'684	1'00	50.8777	10.1	...	57'377	-43'862	0'70	e	...	...	...	...	...	...	...
I88I	52'026	+10'871	0'75	...	...	...	57'402	+1'011	-2	...	...	...	...	...	...	...	...
...	...	...	...	...	...	I94I	...	...	...	...	...	...	...	...	...	...	...
...	+52'185	-8'869	0'85	...	...	...	+57'405	+39'543	0'95	50.8783	9.9	...	...	...	...	...	...
...	52'218	+57'293	-3	...	...	e *	57'416	-28'814	1'60	51.8735	8.6	...	...	...	...	...	...
...	52'247	+11'722	0'85	...	...	...	57'558	+20'564	-5	e	...	...	...	...	...	...	...
e	52'361	-42'213	-1	51.8731	10.2	...	57'757	+12'505	-5	m	...	...	...	...	...	...	...
...	52'370	+49'430	-4	...	...	...	57'758	+12'216	-5	...	...	...	...	...	...	...	...
...	+52'567	-36'768	-5	e	...	...	+57'766	-0'358	-5	...	...	...	...	...	...	...	...
...	52'580	+7'826	-3	...	...	...	57'997	-40'224	-4	e	...	...	...	...	...	...	...
*	52'594	-10'447	1'00	51.8730	9.6	...	58'134	-2'077	-5	p	...	...	...	...	...	...	...
n *	52'637	+57'122	2'20	49.8731	7.2	...	58'152	+27'885	-3	...	...	...	...	...	...	...	...
n *	52'679	+57'297	1'70	...	...	...	58'165	-35'480	-5	e	...	...	...	...	...	...	...

1889, 1890. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.	
1-60						61-120						121-180						
I	-59°535	-54°627	-3	E	...	61	-53°784	+59°410	-5	...	...	121	-49°245	+25°153	-3	...	...	
†	59°358	-14°973	0.90	E	...	...	53°738	+17°259	-3	...	...	...	49°170	-20°141	0.85	...	...	
...	59°340	+32°786	-2	...	...	...	53°727	-35°383	-5	E	...	...	49°050	-17°285	-3	...	...	
E *	59°336	-26°005	0.95	51.8732	10.2	E	53°724	-5°219	0.65	51.8736	10.2	...	48°995	-51°805	-4	...	...	
...	59°261	-36°885	-5	E	...	...	53°693	-12°491	-2	E	...	...	48°652	-19°638	-5	...	...	
...	-59°234	-42°340	-1	E	...	...	-53°693	-40°120	-3	E	...	...	-48°541	+43°647	-5	M	...	
...	59°151	+9°754	-4	...	...	...	53°622	+8°810	-5	M	...	*	48°532	-31°464	1.20	51.8744	9.2	
...	59°065	+30°657	-4	...	...	...	53°384	-7°566	-3	...	...	...	48°527	+13°147	0.80	...	...	
...	59°039	+29°858	-4	...	...	...	53°375	-2°820	-5	...	...	...	48°474	-8°251	-5	...	...	
...	58°769	-22°656	0.70	E	...	...	53°326	+22°705	0.90	50.8789	9.9	...	48°441	+30°068	0.95	50.8795	10.1	
II	...	...	...	...	...	71	...	...	...	...	...	131	...	...	...	...	...	
...	-58°684	+43°616	-5	M	...	...	-53°305	-25°052	-3	E	...	...	...	-48°431	+50°062	-1	...	...
...	58°414	-26°293	-3	E	...	...	53°296	-23°506	0.65	E	...	*	48°200	+35°379	1.00	50.8796	9.9	
...	58°281	+30°589	-2	...	...	...	53°193	-9°320	0.80	...	...	...	48°097	-48°286	-5	p	...	
...	58°232	+6°387	0.75	...	...	*	53°067	-5°609	0.90	51.8737	10.0	...	48°064	-35°669	-5	...	...	
...	58°192	-4°306	-4	E	...	*	53°056	+50°671	1.10	50.8792	9.8	...	48°028	-29°426	-5	...	...	
†	-58°138	+49°958	-3	...	...	...	-53°030	-25°217	-2	E	...	...	-47°983	-38°354	-5	...	...	
...	57°878	-25°585	-5	E	...	*	52°958	+44°572	2.50	50.8791	8.0	*	47°966	+34°136	0.95	50.8797	10.1	
...	57°826	-22°503	-5	p	...	...	52°921	-39°502	-2	E	...	...	47°952	-46°816	1.00	51.8745	10.2	
...	57°803	-7°584	-2	E	...	...	52°808	+37°455	-1	...	...	†	47°849	-34°848	-3	...	...	
...	57°528	+39°533	1.00	50.8783	9.9	...	52°761	+22°107	-5	M	...	...	47°752	+33°540	-5	M	...	
21	...	...	...	...	...	81	...	...	...	...	...	141	...	...	...	...	...	
*	-57°441	+32°143	1.00	50.8782	10.1	...	-52°659	-28°604	-5	...	...	...	...	-47°684	-20°970	-5	p	...
...	57°414	-45°175	-3	E	...	...	52°620	-15°448	-3	...	...	...	...	47°556	+19°010	1.00	50.8798	10.1
...	57°245	-12°657	-2	E	...	...	52°618	-23°080	-2	...	...	...	...	47°503	+10°572	-2	...	...
...	57°153	+25°654	-2	...	...	...	52°542	+45°383	-4	...	...	†	47°397	-39°888	-2	...	...	
...	57°114	+3°056	-5	M	...	*	52°509	+19°790	1.20	50.8790	9.5	...	47°362	+14°819	-5	M	...	
...	-57°084	-14°293	-5	E	...	*	-52°391	+55°894	1.00	49.8757	9.6	*	-47°308	-50°620	1.10	51.8746	9.8	
...	56°988	-40°918	-1	E	...	...	52°376	-9°750	-3	...	...	...	...	47°175	-35°308	-3	...	...
...	56°977	-23°866	0.70	E	...	...	52°221	+37°439	-2	...	...	...	...	46°705	-18°192	-5	...	...
...	56°919	-26°948	-4	E	...	...	52°123	-1°921	0.75	...	...	...	...	46°532	-16°703	-3	...	...
...	56°746	-26°859	-5	p	...	...	51°904	-49°480	-3	E	...	...	...	46°508	+18°173	-5	M	...
31	...	...	...	...	...	91	...	...	...	...	...	151	...	...	...	...	...	
...	-56°616	+20°574	-5	E	...	...	-51°842	-13°812	-4	...	...	...	...	-46°353	+13°646	-4	B	...
...	56°311	+27°912	-3	...	...	*	51°829	+23°825	1.30	50.8793	9.1	...	...	46°331	-56°296	-5	p	...
...	56°072	+12°247	-4	...	...	...	51°761	-29°321	-4	...	...	*	...	46°289	+7°565	1.00	50.8799	9.5
...	55°978	-45°490	-5	E	...	...	51°644	-38°636	0.90	51.8739	10.0	*	...	46°269	-8°330	1.10	51.8748	10.0
...	55°963	+1°037	0.85	...	...	...	51°578	+57°160	-2	49.8761	10.1	...	...	45°976	-46°621	1.00	51.8747	10.2
...	-55°947	+16°117	-5	M	...	...	-51°424	+35°002	-3	...	...	...	...	-45°912	-34°604	-5	...	...
...	55°768	-35°914	-5	E	...	...	51°381	-2°481	-3	...	...	*	...	45°830	+8°050	1.50	50.8800	8.9
...	55°737	+31°951	-3	...	...	*	51°277	-36°402	1.40	51.8740	9.1	...	...	45°821	+25°351	-5	M	...
...	55°728	+55°129	-1	49.8749	10.1	...	51°097	+35°310	-5	M	...	...	...	45°620	-19°574	0.70	...	...
*	55°592	+12°872	1.00	50.8784	10.1	...	50°920	+35°137	-3	...	...	...	...	45°614	+16°966	-5	M	...
41	...	...	...	...	...	101	...	...	...	...	...	161	...	...	...	...	...	
...	-55°532	-47°222	-5	p	...	...	-50°871	+40°794	-4	A	...	...	...	-45°585	-10°430	1.00	51.8750	10.0
E	55°524	-30°776	0.90	51.8733	10.0	...	50°794	-16°578	-3	...	...	*	...	45°543	-15°268	1.20	51.8749	9.2
...	55°424	-48°437	-5	E	...	...	50°767	+7°138	-5	...	...	*	...	45°505	-7°466	1.25	51.8751	9.4
...	55°403	+7°936	-5	M	...	...	50°666	-49°548	0.95	51.8741	10.0	...	...	45°322	+48°149	1.00	50.8801	9.7
*	55°333	+27°790	1.40	50.8785	9.1	...	50°643	+14°143	0.80	...	...	...	...	45°258	-30°886	-3	...	...
E *	-55°257	-31°709	1.05	51.8734	9.6	...	-50°560	+37°221	-3	...	...	...	...	-45°221	-5°432	0.90	51.8752	10.2
...	55°235	+21°672	0.95	50.8786	10.1	...	50°545	-27°085	-5	...	...	...	...	45°202	-49°367	-5	p	...
...	55°086	-26°187	-3	E	...	...	50°443	-2°290	-2	...	...	...	...	45°200	-37°428	-5	...	...
...	55°020	-34°164	-5	E	...	...	50°339	-32°055	0.95	51.8743	10.0	...	...	45°184	-16°738	-3	...	...
†	54°973	+35°419	-5	...	...	...	50°210	-21°085	-5	...	...	...	...	45°156	+35°038	-2	...	...
51	...	...	...	...	...	111	...	...	...	...	...	171	...	...	...	...	...	
...	-54°753	+14°686	-5	E	...	...	-50°147	-53°387	0.90	51.8742	10.0	*	...	-45°123	+49°280	1.60	50.8802	9.2
E *	54°718	-28°735	1.90	51.8735	8.6	†	50°012	-25°043	-1	...	...	...	...	45°069	-22°607	0.80	...	...
...	54°695	+41°452	-3	...	...	...	49°907	-17°800	-5	...	...	...	...	44°777	+14°883	-5	M	...
...	54°476	-40°858	-4	E	...	†	49°872	+46°380	1.00	50.8794	9.7	...	...	44°703	+57°314	-4	...	...
...	54°435	-12°897	0.80	E	...	...	49°837	+15°354	-3	...	...	...	...	44°617	+4°764	-3	...	...
*	-54°166	-43°789	-2	E	...	...	-49°780	-19°783	0.65	...	...	*	...	-44°409	+33°415	1.30	50.8803	9.3
S *	54°154	+9°649	2.90	50.8788	7.8	...	49°721	+56°486	-5	M	...	...	...	44°123	-9°822	-5	...	...
...	54°152	+16°572	-5	M	...	...	49°713	+53°074	-2	...	...	...	...	44°069	-5°819	-2	...	...
*	54°125	+7°891	1.50	50.8787	9.1	...	49°484	+39°148	-5	...	...	*	...	44°038	-26°124	1.20	51.8753	9.4
†	53°827	+9°972	-2	...	...	...	49°404	-28°041	0.80	...	...	...	...	43°691	+54°020	-1	50.8807	10.1

L measured from 1, 113, 224, 344, 479, 621, 743, 829, 925, 1014, 1111, 1207.
MC " " 51, 173, 289, 403, 555, 696, 793, 884, 974, 1074, 1159, 1265.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
18I	-43.650	+14.144	1.00	50.8804	10.1	24I	-38.429	-32.193	-4	...	...	30I	-33.904	+48.914	-4	B	...
*	43.508	-30.447	-5	...	...	...	38.359	-12.424	0.90	51.8766	10.0	...	33.825	-42.054	-3	...	...
*	43.458	-31.661	0.95	51.8754	10.0	...	38.341	+59.666	-3	...	...	...	33.707	-25.806	-3	...	...
...	43.421	-26.666	-5	...	...	...	38.097	+25.953	0.75	...	...	...	33.675	+51.546	-4	...	...
...	43.298	+34.084	0.95	50.8806	9.9	...	38.025	-16.980	0.90	51.8767	10.2	...	33.675	+16.474	0.85	50.8821	10.1
*	-43.249	-26.330	1.40	51.8755	9.2	...	-38.014	+41.711	-5	M	...	...	-33.335	-31.084	-4	...	...
...	43.185	+22.983	-3	...	...	...	37.986	+58.106	-5	M	...	...	33.187	-56.329	-5	...	...
*	43.163	-0.167	1.00	50.8805	9.7	†	37.953	-39.829	-5	...	...	...	33.158	-34.380	0.85	...	...
...	43.156	+27.050	-5	M	...	...	37.801	-32.403	-3	...	...	...	33.102	+32.504	-3	...	...
...	43.071	+14.818	-5	M	...	*	37.776	+50.507	1.10	50.8817	9.7	...	33.089	-11.341	-5	...	...
19I	-42.633	-5.485	-5	...	...	25I	-37.751	-1.633	-5	...	...	31I	-33.066	+5.339	-3	...	...
*	42.631	-26.264	0.90	51.8756	9.8	...	37.706	-10.860	0.80	...	...	...	32.992	-33.199	-5	...	...
...	42.508	-11.197	-3	...	...	*	37.624	-10.862	1.00	51.8768	9.6	*	32.813	-19.465	0.95	51.8776	9.8
...	42.503	-26.456	-5	...	...	*	37.704	+29.114	0.95	50.8816	9.9	...	32.708	-13.942	-4	...	...
*	42.486	+38.245	1.00	50.8808	9.7	†	37.684	+15.093	1.25	50.8815	8.9	...	32.466	+11.846	-3	...	...
...	-42.368	+19.402	-5	M	...	...	-37.655	+11.008	-1	...	...	...	-32.314	-0.391	-4	...	...
...	42.123	-8.757	-1	...	...	...	37.561	-16.414	-4	...	...	...	32.204	+9.745	-3	A	...
...	42.096	+14.178	-2	...	...	...	37.514	+21.725	-2	...	...	...	32.010	+1.904	0.90	50.8822	9.7
...	42.053	-36.426	0.70	...	...	...	37.486	-42.188	-1	...	...	...	31.977	+1.985	-1	...	...
...	42.032	+38.033	0.85	50.8809	10.1	...	37.370	+29.119	-5	M	...	...	31.847	-37.874	-4	...	...
20I	-41.986	+57.266	1.00	49.8781	9.9	26I	-37.044	-14.747	-4	...	...	32I	-31.845	-51.839	-3	...	...
*	41.968	+43.934	-5	...	...	...	37.015	+13.127	-5	M	...	...	31.844	-17.644	-3	...	...
...	41.887	-27.580	-5	...	...	*	37.000	-46.175	1.30	51.8769	9.2	...	31.800	-26.998	-4	...	...
...	41.818	-9.790	-5	...	...	...	36.967	+14.908	0.70	...	...	S *	31.597	+36.749	2.60	50.8824	8.0
...	41.781	-41.764	-4	...	...	*	36.914	-32.641	1.00	51.8771	10.0	*	31.525	+6.320	1.00	50.8823	9.6
...	-41.747	-6.244	0.90	51.8757	10.2	...	-36.871	-23.405	-1	...	...	...	-31.520	-24.381	-5	...	...
...	41.742	-43.704	-4	...	...	...	36.840	+4.693	-5	M	...	...	31.388	-1.635	-2	...	...
...	41.666	+2.338	-4	B	...	*	36.831	-51.391	1.00	51.8770	9.6	...	31.184	-29.016	-4	p	...
...	41.642	+17.243	-3	...	...	...	36.729	-37.573	0.85	...	...	...	30.972	-11.239	-5	...	...
*	41.638	+45.662	2.10	50.8811	8.4	...	36.622	+21.888	0.85	...	...	...	30.956	+23.494	0.75	...	...
21I	-41.443	+31.491	0.95	50.8810	10.1	27I	-36.591	-47.362	1.00	51.8772	9.8	33I	-30.718	-53.995	-4	...	...
...	41.345	-8.134	-5	...	...	...	36.452	-49.000	-4	...	...	†	30.649	+39.913	-5	...	...
...	41.226	+16.526	-1	...	...	...	36.417	-26.560	0.75	...	...	...	30.547	+44.351	-3	...	...
S *	41.137	-13.702	1.90	51.8758	8.2	...	36.159	-15.115	-2	...	...	*	30.475	+43.400	1.00	50.8827	9.9
†	41.137	-4.918	-5	...	...	...	36.104	-5.899	-5	...	...	...	30.443	-29.514	-5	...	...
...	-41.134	-3.452	-5	p	...	...	-36.093	-5.657	-3	...	...	...	-30.437	-15.376	-2	...	...
...	40.926	-22.633	0.85	...	...	...	35.969	-27.035	0.70	...	...	...	30.330	-23.041	-5	p	...
...	40.666	-0.871	-4	...	...	...	35.941	-16.285	-3	...	...	*	30.301	+9.408	1.00	50.8825	9.7
...	40.619	+19.170	-4	B	...	...	35.616	-11.310	-5	p	...	...	30.272	+18.428	0.80	50.8826	10.1
...	40.445	-7.681	-4	...	...	...	35.597	-36.819	-5	...	...	...	30.223	-23.667	0.90	51.8777	10.0
22I	-40.403	-47.277	-5	...	...	28I	-35.500	-19.148	0.80	...	...	34I	-30.177	-32.488	-3	...	...
...	40.286	-21.099	-1	...	...	...	35.492	-10.569	-5	...	...	†	30.105	+5.034	-3	...	...
...	40.238	-28.257	-3	...	...	...	35.401	-37.806	-5	...	...	†	30.063	-29.501	-5	...	...
†	39.905	-37.808	1.00	51.8759	9.6	...	35.385	-25.219	-4	...	...	...	29.924	-44.484	-1	...	...
†	39.983	+15.864	0.65	...	...	...	35.215	+7.612	-4	...	...	...	29.912	-21.151	0.90	51.8779	10.0
†	-39.807	+35.258	-5	M	...	...	-35.171	+19.606	0.90	50.8818	9.9	...	-29.869	-40.533	-3	...	...
...	39.846	-0.829	-3	...	...	...	35.109	-20.907	-3	...	...	...	29.814	-22.093	-5	...	...
...	39.615	-17.722	0.90	51.8762	10.2	†	35.088	-49.459	1.60	51.8773	9.0	...	29.776	+40.347	-5	...	...
...	39.442	-10.719	0.75	...	...	†	34.996	-26.160	1.60	51.8774	8.8	...	29.744	-5.086	0.75	...	...
*	39.441	-48.119	1.00	51.8760	9.4	†	34.980	+17.423	0.75	50.8819	10.1	...	29.705	+53.252	-5	...	...
23I	-39.435	+8.113	1.20	50.8812	9.3	29I	-34.934	-47.009	-2	...	...	35I	-29.613	-32.213	1.00	51.8780	10.0
*	39.431	+40.218	-2	...	...	...	34.851	-20.471	-4	...	...	*	29.540	+14.858	1.40	50.8828	8.9
†	39.185	-9.842	2.00	51.8765	8.4	...	34.822	+0.743	-2	...	...	...	29.529	-59.386	-1	51.8778	10.2
...	39.139	+41.820	0.95	50.8813	10.1	...	34.775	+30.023	-5	M	...	...	29.429	-15.942	1.00	51.8781	9.8
*	39.120	+46.403	1.00	50.8814	9.7	...	34.687	-58.517	-4	...	...	*	29.077	-31.487	1.00	51.8782	9.6
*	-39.098	-18.208	0.95	51.8764	10.0	*	-34.593	-18.802	0.85	51.8775	10.2	...	-28.749	-24.350	-5	...	...
*	39.040	-50.107	1.60	51.8761	8.6	*	34.456	+27.241	1.00	50.8820	9.6	...	28.682	-25.078	0.85	51.8783	10.2
*	38.969	-38.468	1.00	51.8763	10.0	...	34.321	+49.064	-4	B	...	...	28.639	+48.413	-3	...	...
...	38.852	+12.589	0.85	...	...	...	34.134	-18.340	-2	...	...	...	28.598	-6.282	0.95	51.8784	10.2
...	38.537	-1.928	-5	...	...	...	34.013	+17.867	-3	...	...	*	28.557	+54.026	1.20	50.8829	9.6

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
361-420						421-480						481-540					
36I	-28°463	+28°313	-5	M	...	42I	-23°433	+16°304	-5	M	...	48I	-19°890	-49°585	0·85	51·8804	10·2
...	28°436	-16°595	-3	...	...	...	23°336	+36°890	-4	...	...	...	19°585	+37°177	1·00	50·8847	9·8
...	28°421	+49°356	-3	...	...	...	23°326	-25°531	-2	...	...	...	19°382	-29°084	-5	...	...
...	28°189	-27°151	0·70	...	...	...	23°278	-44°514	-4	...	...	...	19°341	+37°853	1·00	50·8848	9·7
...	28°060	-48°688	-4	...	...	...	23°269	-50°230	-1	...	...	...	19°335	-49°863	0·85	51·8807	10·2
...	-27°878	-2°490	-5	...	...	...	-23°264	-7°284	-2	...	...	...	19°286	-32°198	1·05	51·8808	9·2
...	27°782	+20°945	0·85	50·8830	10·1	...	23°166	+0°440	1·80	50·8838	8·8	...	19°264	-2°236	-2	...	...
...	27°775	+0°181	-5	M	...	...	23°141	+57°822	-4	...	...	...	19°232	+50°669	-5	M	...
...	27°670	-30°639	-5	...	...	...	23°136	-46°049	0·90	51·8797	10·0	...	19°220	-14°652	-3	...	...
*	27°665	-24°504	1·00	51·8786	9·6	...	23°132	-53°124	-2	...	...	...	19°201	+33°541	1·00	50·8849	9·7
37I	-27°599	-7°950	0·70	...	...	43I	-23°110	-28°756	-1	...	...	49I	-19°138	-28°960	0·70	...	...
...	27°530	+49°246	1·05	50·8832	9·9	...	23°093	-31°108	-5	...	...	...	19°133	+28°494	-5	M	...
...	27°493	-28°161	0·75	...	...	...	23°068	-45°914	-5	...	...	...	19°087	+26°241	-4	M	...
...	27°411	+17°322	-4	B	...	*	22°995	-3°547	1·15	50·8839	9·3	...	19°026	+42°501	-5	...	...
...	27°390	-15°395	-1	...	...	...	22°922	+50°793	-5	...	...	...	18°889	-52°515	-5	...	...
...	-27°376	-17°899	-5	p	...	...	-22°912	+19°334	-4	M	...	...	18°816	-34°383	-2	...	...
*	27°375	+26°474	1·00	50·8831	9·6	...	22°902	-15°356	-4	...	...	*	18°809	+18°675	1·15	50·8850	9·2
*	27°347	-29°049	1·50	51·8787	8·4	*	22°897	+17°868	1·00	50·8840	9·7	...	18°722	-33°450	-5	...	...
...	27°333	-41°341	-2	...	...	*	22°726	-17°129	1·70	51·8798	8·8	...	18°721	-36°342	-5	...	...
...	27°327	-30°430	1·00	51·8788	9·8	...	22°667	+56°745	-2	...	...	...	18°684	-14°522	0·95	51·8810	10·2
38I	-27°255	-28°429	1·00	51·8789	9·6	44I	-22°536	-10°100	1·80	51·8799	8·8	50I	-18°569	-24°781	-5	...	...
*	27°106	-13°552	0·95	51·8790	10·0	...	22°461	-44°261	-3	...	...	...	18°562	+10°291	-5	M	...
...	26°945	-46°023	-3	...	...	*	22°394	+49°420	1·00	50·8841	9·6	...	18°449	+16°351	-4	M	...
...	26°930	+27°381	-2	...	...	...	22°370	-46°300	-4	p	...	...	18°443	-43°979	-4	...	...
...	26°730	+52°564	-4	...	...	...	22°344	+51°132	-3	...	...	*	18°412	-30°235	1·20	51·8809	9·0
...	-26°502	-39°270	0·90	51·8791	10·2	...	-22°282	+14°829	-4	M	...	*	18°254	-2°121	1·00	50·8851	9·7
*	26°500	-7°108	1·00	51·8792	9·6	*	22°239	-10°820	1·60	51·8800	9·2	*	18°225	-36°747	1·40	51·8811	9·0
...	26°395	-35°826	-4	...	...	...	22°036	-47°866	3	...	...	*	18°182	-3°729	1·05	50·8852	9·2
...	26°361	+26°745	-2	...	...	...	22°005	+17°385	-5	M	...	...	18°140	-11°096	0·95	51·8813	10·0
...	26°167	-56°851	-3	...	...	...	21°969	-55°554	-1	...	...	*	17°912	-32°944	1·20	51·8812	9·0
39I	-26°095	+28°014	-3	...	...	45I	-21°807	+2°154	0·90	50·8842	10·1	51I	-17°803	-49°133	-3	...	...
...	26°087	-16°396	-5	...	...	...	21°773	+51°953	1·60	50·8843	9·1	...	17°682	-25°473	-4	...	...
...	26°052	-30°318	-5	p	...	*	21°696	-5°144	1·00	51·8802	9·8	*	17°677	+36°864	1·20	50·8853	9·1
...	25°943	+6°368	-5	M	...	...	21°623	-9°279	-5	...	...	...	17°667	-10°572	-2	...	...
...	25°928	-14°873	0·95	51·8793	10·0	...	21°540	-9°762	-5	...	...	...	17°593	-20°206	-4	...	...
...	-25°782	-44°041	5	...	...	...	-21°536	-53°299	-5	...	...	...	17°546	-27°140	-2	...	...
...	25°661	+54°599	-1	50·8833	10·1	...	21°473	-29°497	-4	...	...	...	17°448	+51°390	-5	...	...
...	25°527	-22°666	-5	...	...	...	21°350	-47°025	-3	...	...	...	17°395	-50°547	-2	...	...
...	25°495	-57°841	-5	...	...	...	21°280	+47°848	-5	M	...	...	17°368	-38°115	-3	...	...
*	25°404	-31°886	1·00	51·8794	9·8	...	21°183	-47°048	-4	...	...	*	17°254	+51°104	1·15	50·8854	9·1
40I	-25°264	-53°022	-2	...	...	46I	-21°167	-1°427	-3	...	...	52I	-17°215	-16°421	-5	...	...
...	25°117	-6°662	0·90	51·8795	10·2	...	21°139	+22°101	0·85	50·8844	10·1	...	17°137	+53°019	-5	...	...
...	24°989	-31°343	-4	...	...	...	21°076	+0°430	-3	...	...	...	17°001	+35°218	-5	M	...
...	24°851	-3°447	-1	...	...	...	20°978	-6°013	-2	...	...	*	16°992	-8°774	0·95	51·8815	9·8
...	24°762	-11°388	-4	...	...	*	20°845	+58°041	1·60	49·8824	8·8	...	16°980	+33°484	0·85	...	...
...	-24°740	+33°480	-2	...	...	...	-20°803	-18°892	-4	...	...	*	-16°951	-20°638	1·00	51·8814	9·8
*	24°738	+23°615	1·50	50·8834	9·1	...	20°688	+19°652	-5	M	...	...	16°912	-49°100	-3	...	...
...	24°588	+13°054	0·90	50·8835	10·1	...	20°610	+49°468	-2	50·8845	10·1	*	16°800	-26°031	2·40	51·8816	8·2
...	24°508	+1°863	1·00	50·8836	9·5	*	20°542	-42°745	1·00	51·8803	9·6	...	16°792	+20°517	0·70	...	...
...	24°460	-34°887	0·90	51·8796	10·0	†	20°540	-9°967	1·05	51·8805	9·4	†	16°683	+44°942	-5	M	...
41I	-24°418	+28°599	0·95	50·8837	9·9	47I	-20°454	+57°039	-5	...	...	53I	-16°672	+10°117	0·70	...	...
...	24°263	-46°495	-4	...	...	...	20°278	-26°346	-1	...	...	...	16°621	-52°438	-2	...	...
...	24°187	-1°196	-2	...	...	...	20°276	+26°431	-3	...	...	...	16°461	+51°476	1·00	50·8855	9·7
...	24°178	+13°767	0·75	...	...	...	20°157	-32°733	-4	...	...	...	16°326	-58°895	-5	p	...
...	23°944	+25°194	-5	M	...	...	20°155	-23°339	-5	...	...	...	16°313	+30°647	-5	M	...
...	-23°897	-49°143	-5	...	...	...	-20°146	-21°400	-4	...	...	...	-16°146	+44°007	-5	M	...
...	23°885	-5°690	-5	...	...	...	20°127	-3°667	-4	...	...	...	16°133	-50°818	-5	...	...
...	23°580	-18°336	-4	...	...	*	20°106	+46°161	1·50	50·8846	8·8	...	16°041	+3°725	-3	A	...
...	23°574	-21°199	-2	...	...	†	20°005	-28°263	-2	...	...	...	15°945	-2°478	-5	...	...
...	23°444	-12°586	0·80	...	...	†	19°950	+8°093	-2	...	...	...	15°731	+17°387	-5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
541-600						601-660						661-720					
54I	-15'706	-13'470	0.95	51.8818	10.0	60I	-11'487	-45'186	-2	...	...	66I	-7'703	+8'021	-5	M	...
*	15'699	+11'105	1.50	50.8856	8.9	...	11'435	+23'051	-1	...	...	...	7'687	-56'338	-5	...	...
*	15'677	-14'156	1.00	51.8817	9.8	*	11'307	-31'173	1.10	51.8833	9.6	...	7'609	+9'082	0.65	...	...
*	15'610	+37'522	1.00	50.8858	9.5	...	11'256	-39'687	0.75	51.8831	10.2	...	7'604	-49'693	-5	...	...
*	15'559	+47'763	1.20	50.8859	9.5	...	11'141	-34'849	-4	...	...	...	7'537	+2'100	-5	M	...
*	-15'484	+8'070	1.00	50.8857	9.8	...	-11'115	-5'265	-4	...	...	...	-7'340	+45'302	1.00	50.8869	9.8
...	15'472	+22'155	-5	M	...	...	11'061	+31'179	0.80	...	...	...	7'331	+48'035	-5	M	...
...	15'458	-13'802	0.85	51.8819	10.0	...	11'011	-5'071	-2	...	...	...	7'318	-13'258	-5	...	...
...	15'448	+17'455	-1	...	...	...	10'943	-48'344	0.85	51.8834	10.2	...	7'078	+1'153	0.90	50.8868	9.9
...	15'286	-8'068	0.80	...	...	...	10'665	-43'634	-4	...	...	...	7'004	-28'712	-5	p	...
55I	-15'271	+41'796	-5	...	...	61I	-10'559	+0'901	0.75	...	...	67I	-6'955	+5'252	0.90	50.8870	9.9
...	15'236	-31'493	0.95	51.8820	9.8	*	10'487	-12'387	1.20	51.8836	9.6	...	6'931	-44'522	-5	...	...
...	15'111	+26'594	-5	M	...	...	10'414	-40'120	0.90	51.8835	10.0	...	6'809	-43'432	-4	...	...
†	15'041	+53'513	1.00	50.8860	9.8	S *	10'354	-40'743	2.20	51.8837	8.4	a *	6'727	+0'366	1.00	50.8871	9.7
†	15'009	+22'651	-3	...	...	...	10'293	-42'443	-1	...	...	...	6'695	+41'105	-4	...	...
...	-14'569	+34'303	-4	...	...	...	-10'292	+58'557	-3	...	...	*	-6'648	+35'915	1.00	50.8872	9.7
...	14'425	+44'999	-4	A	...	...	10'237	+31'762	-5	M	...	...	6'559	+46'001	-5	M	...
...	14'386	+8'800	-2	B	...	...	10'211	+12'163	-4	M	...	†	6'538	+54'933	0.80	...	...
...	14'382	+20'397	-5	M	...	...	10'184	-40'829	-2	...	...	...	6'405	-26'302	-2	...	...
...	14'363	+42'698	-4	B	...	†	10'155	+25'254	1.80	50.8866	8.8	...	6'384	+38'743	-2	...	...
56I	-14'333	-44'937	-5	...	...	62I	-10'038	-55'099	0.95	51.8838	10.0	68I	-6'378	-57'930	-4	...	...
...	14'289	-47'332	-2	...	...	†	10'028	-16'078	-4	...	...	*	6'297	+59'636	1.25	49.8859	9.1
...	14'173	+25'809	-5	M	...	S †	9'955	+10'009	2.90	50.8867	7.7	...	6'177	-18'883	-3	...	...
...	14'106	+54'481	-5	M	...	...	9'942	+13'559	0.85	...	...	...	5'900	+40'119	-5	M	...
*	14'052	-21'625	1.10	51.8822	9.6	...	9'872	+38'747	-4	...	...	...	5'883	+18'041	-5	M	...
...	-13'891	+15'091	-4	M	...	*	-9'865	-32'111	0.95	51.8840	10.0	*	-5'879	-30'016	1.00	51.8846	9.6
...	13'885	-52'143	0.85	51.8821	10.2	*	9'784	-58'792	1.60	51.8839	8.6	*	5'829	-43'726	1.00	51.8845	9.6
*	13'883	-6'828	1.00	51.8823	9.6	...	9'760	-56'814	-2	...	...	...	5'782	-11'668	-2	51.8847	10.2
*	13'728	+21'443	1.00	50.8861	9.7	...	9'665	-54'052	-5	...	...	...	5'755	-2'059	-3	...	...
...	13'651	-52'659	-4	...	...	...	9'599	-6'548	0.85	51.8842	10.2	...	5'728	-8'424	-3	...	...
57I	-13'541	-50'212	-5	...	...	63I	-9'572	-27'008	1.20	51.8841	9.2	69I	-5'713	+52'709	2.00	50.8873	8.9
...	13'430	+48'364	-2	50.8862	10.1	†	9'565	-59'832	-5	...	...	...	5'588	-5'341	0.70	...	...
...	13'427	-37'814	-5	...	...	...	9'382	-14'715	0.75	...	...	*	5'300	-7'432	1.00	51.8848	9.6
...	13'347	+7'263	-5	M	...	...	9'343	-21'997	-3	...	...	...	5'278	-59'560	-5	...	...
...	13'227	-17'231	-4	...	...	...	9'246	+13'906	-2	...	...	...	5'268	+16'356	-5	M	...
*	-13'203	-3'774	-1	...	...	...	-9'092	-12'872	0.70	...	...	...	-5'063	-55'658	-4	...	...
...	13'159	+50'410	1.00	50.8863	9.7	...	9'041	+58'257	1.00	49.8853	9.8	...	4'939	-22'846	-4	...	...
...	13'144	+17'865	-2	...	...	...	9'015	-7'907	-5	...	...	...	4'804	-16'434	-5	...	...
...	13'110	-20'679	-3	...	...	...	9'002	-35'040	-3	...	...	...	4'707	+31'637	-5	M	...
...	13'105	-20'734	-4	...	...	...	8'991	+22'232	-4	M	...	...	4'615	+44'320	-3	...	...
58I	-12'912	-54'246	1.00	51.8825	9.6	64I	-8'782	-53'656	-3	...	...	70I	-4'407	-12'826	0.80	51.8849	10.0
*	12'754	+54'382	1.00	50.8864	9.7	...	8'767	+50'873	-5	M	...	...	3'982	+10'816	-2	50.8874	10.1
*	12'694	-14'801	1.00	51.8827	9.6	*	8'636	-48'260	1.30	51.8843	9.4	†	3'923	-15'012	1.00	51.8851	9.6
...	12'689	+18'409	-1	...	...	...	8'591	-18'509	-4	...	...	...	3'848	+3'691	0.80	50.8875	10.1
...	12'599	+6'107	-1	...	...	...	8'517	-9'106	-1	...	...	...	3'845	-59'058	0.95	51.8850	10.0
*	-12'593	+51'703	-4	...	...	...	-8'478	-5'315	0.80	...	...	†	-3'705	+14'989	-3	...	...
...	12'555	-21'156	0.95	51.8828	9.8	*	8'476	-45'684	1.00	51.8844	9.6	...	3'589	+38'339	-3	B	...
...	12'398	+53'821	-3	...	...	...	8'414	-44'587	-2	...	...	...	3'545	+1'036	-5	M	...
...	12'382	+45'850	-4	B	...	...	8'202	+58'355	1.00	49.8855	9.8	*	3'468	-35'636	1.00	51.8852	9.6
*	12'252	-39'188	0.90	51.8829	10.0	*	8'083	+59'095	1.10	49.8856	9.7	...	3'421	-14'026	-4	...	...
59I	-12'145	-7'473	-5	...	...	65I	-8'063	+39'794	-2	...	...	71I	-3'247	-47'045	-5	...	...
...	12'092	-36'069	-5	...	...	...	8'024	-19'568	-2	...	...	...	3'085	-11'978	-2	...	...
...	12'089	+19'876	-5	M	...	...	8'016	-55'124	-3	...	...	*	3'058	-10'751	0.90	51.8853	10.0
...	12'058	-48'617	-2	...	...	...	7'980	+12'725	-4	...	...	...	3'044	+49'395	-1	...	...
...	11'758	-28'292	-5	...	...	...	7'953	-28'999	-4	...	...	...	2'997	-25'563	-4	...	...
...	-11'712	+43'306	0.85	50.8865	10.1	...	-7'935	+15'574	-5	M	...	†	-2'874	-44'860	1.00	51.8854	9.6
...	11'691	-1'517	-3	...	...	...	7'902	-43'876	-5	...	...	*	2'832	+34'237	1.30	50.8876	9.1
*	11'618	-35'178	1.10	51.8830	9.6	...	7'820	+50'969	-5	...	...	...	2'753	-37'725	1.10	51.8855	9.6
...	11'529	+7'102	-4	M	...	†	7'787	+24'888	-4	...	...	...	2'399	+22'939	-3	M	...
*	11'487	-12'953	1.00	51.8832	9.8	...	7'727	-20'305	-5	p	...	...	2'167	-19'144	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
721-780						781-840						841-900					
72I	-2°092	-13°824	-5	...	...	78I	+3°962	-26°943	-3	...	...	84I	+10°852	-51°458	-5	...	...
...	1°981	-35°627	-2	...	...	*	3°966	-45°768	1°00	51.8859	9.6	...	10°899	-40°757	-5	...	...
...	1°905	-39°070	-5	...	...	...	4°078	-13°055	-3	...	...	...	10°926	+28°146	-2	...	...
...	1°812	+53°200	-5	Mm	...	...	4°227	-22°972	0°70	...	...	...	10°934	-42°091	-5	...	...
*	1°626	+8°687	1°40	50.8877	9.5	...	4°236	+28°677	-2	...	...	...	10°966	+19°144	-5	m	...
...	-1°609	-11°979	-5	...	...	...	+4°272	-11°933	-3	...	...	...	+11°189	+29°523	-5	m	...
...	1°580	+5°708	-4	Mm	...	...	4°373	+6°877	-5	m	...	...	11°192	-40°384	-5	...	...
...	1°351	-56°507	0°95	51.8856	10.0	...	4°384	+22°428	-2	...	...	...	11°207	-11°046	-3	...	...
*	1°306	+39°324	1°00	50.8878	9.7	...	4°508	-25°280	-4	...	...	...	11°451	-9°281	-5	...	...
...	1°126	+13°717	-1	...	...	...	4°553	-32°649	-3	...	...	*	11°469	-11°419	1°00	51.8874	9.8
73I	-1°034	-20°714	-5	...	...	79I	+4°565	-1°369	1°80	50.8884	8.9	85I	+11°502	-48°966	1°00	51.8875	9.6
...	0°916	+20°606	-3	M	...	*	4°692	+14°999	1°05	50.8885	9.5	...	11°540	+37°946	-2	...	...
...	0°905	-32°647	-3	...	...	†	5°001	-56°851	-1	51.8860	10.2	...	11°645	-29°339	-3	...	...
...	0°886	+24°484	-3	...	...	...	5°009	-12°431	0°80	...	...	...	11°789	+40°568	0°95	50.8893	10.1
...	0°765	+35°833	0°90	50.8879	10.1	...	5°226	-58°905	-1	51.8862	10.2	...	12°121	+22°854	0°70	...	...
*	-0°749	-5°466	1°10	51.8857	9.6	...	+5°298	-34°871	0°90	51.8861	9.8	...	+12°190	+44°592	-4	...	...
...	0°709	+27°503	-2	...	...	†	5°346	-6°757	0°95	51.8863	9.8	...	12°306	-30°869	-5	p	...
...	0°547	+28°216	-2	...	...	...	5°489	-44°138	-5	...	...	...	12°319	-48°096	-1	51.8876	10.2
...	0°523	+26°072	-1	...	...	*	5°519	+9°720	4°90	50.8886	7.2	...	12°466	-38°622	-5	...	...
...	0°394	-16°308	-4	...	...	...	5°559	+17°206	-4	b	...	...	12°557	+25°560	-5	m	...
74I	-0°204	+4°091	-5	Mm	...	80I	+5°581	+2°580	-1	...	...	86I	+12°724	-39°578	-3	...	...
...	0°168	+4°200	-5	Mm	...	...	5°777	+42°226	-3	...	...	...	12°871	+58°100	-5	...	...
†	-0°011	+3°883	-2	M	...	...	5°818	-51°133	-2	...	...	...	12°871	+6°295	-5	m	...
...	+0°037	-35°156	-5	...	...	...	5°930	+37°928	1°00	50.8887	9.7	...	12°941	-30°149	-5	...	...
...	0°202	-7°995	-5	p	...	...	6°230	-29°794	0°80	51.8864	10.2	...	13°079	-38°251	-5	p	...
...	+0°269	+45°464	-2	...	...	*	+6°414	-7°719	1°00	51.8865	9.6	*	+13°098	-28°883	1°00	51.8877	9.6
...	0°432	51°794	3	...	...	...	6°642	-46°306	-5	...	...	...	13°335	+6°902	-3	...	...
...	0°558	-41°122	-5	p	...	...	6°675	+16°934	-4	...	...	...	13°624	+26°499	0°95	50.8894	9.9
...	0°595	-3°236	-5	...	...	...	7°378	+46°018	-4	a	...	...	13°879	-17°941	0°90	51.8878	10.2
...	0°741	-52°531	-5	...	...	...	7°577	-54°318	0°90	51.8867	10.0	...	13°924	+26°491	0°90	50.8895	10.1
75I	+0°773	-51°013	-1	...	...	81I	+7°585	-44°769	-4	...	...	87I	+13°948	+8°738	-2	...	...
...	0°777	+47°581	0°70	...	...	...	7°672	-52°653	-1	...	...	...	14°074	-1°930	-5	...	...
...	0°805	+35°044	-3	...	...	...	7°690	-12°902	-4	...	...	...	14°140	-47°657	-5	...	...
...	0°841	-59°241	-5	...	...	...	7°702	-27°808	-4	...	...	...	14°260	+16°400	0°90	50.8896	9.9
...	1°132	-48°073	-3	...	...	...	7°731	-56°391	-1	...	...	...	14°338	-21°185	-5	...	...
*	+1°266	+34°428	1°05	50.8880	9.5	...	+8°069	-48°235	0°90	51.8868	10.0	...	+14°340	-12°852	-5	...	...
...	1°339	-54°381	-2	...	...	...	8°076	+58°773	-3	...	...	...	14°346	+0°101	-5	m	...
...	1°445	+3°792	-4	Mm	...	*	8°222	+18°801	1°40	50.8888	9.1	...	14°632	-10°875	0°70	...	...
...	1°505	+55°293	-5	M	...	...	8°421	+30°809	-4	b	...	...	14°668	+22°492	-5	m	...
...	1°823	-52°108	-5	...	...	...	8°489	-13°526	-2	...	...	†	14°772	-31°217	-3	...	...
76I	+1°931	-7°180	-1	...	...	82I	+8°496	+45°421	-3	...	...	88I	+14°791	-2°940	1°20	50.8897	8.8
*	1°972	+19°744	1°50	50.8881	8.8	...	8°608	+32°844	-5	...	...	†	14°820	+56°607	-2	...	...
...	2°033	-36°678	-5	...	...	*	8°699	-59°158	1°05	51.8869	9.8	...	14°873	+24°391	-2	...	...
...	2°055	-17°853	-3	...	...	...	8°732	+31°122	-4	...	...	...	14°926	-8°933	-4	...	...
...	2°132	+13°698	-5	Mm	...	*	8°993	-43°278	1°00	51.8870	9.6	...	14°936	-16°998	-3	...	...
...	+2°157	-41°440	-2	...	...	...	+9°071	-51°311	0°85	51.8871	10.2	...	+15°056	-45°548	-4	...	...
...	2°434	-17°268	-4	...	...	...	9°254	-52°851	-5	...	...	*	15°105	+13°406	1°00	50.8898	9.7
...	2°503	+39°114	-1	...	...	...	9°685	+53°415	0°80	50.8889	10.1	...	15°436	-44°209	-4	...	...
...	2°534	+10°406	1°00	50.8882	9.7	...	10°053	+50°135	-2	...	...	...	15°465	-24°594	-5	p	...
...	2°557	+59°115	0°90	...	...	*	10°074	-12°433	1°00	51.8872	9.6	...	15°538	+50°985	-2	...	...
77I	+2°859	-27°965	-5	...	...	83I	+10°136	-44°376	0°95	...	...	89I	+15°578	+58°862	-3	...	...
...	3°158	-9°149	-5	...	...	...	10°167	+41°107	0°90	50.8890	10.1	...	15°682	+2°155	-2	...	...
...	3°187	-45°989	-5	p	...	...	10°198	-31°431	-3	...	...	...	15°913	+22°084	0°90	50.8899	9.9
...	3°305	-22°693	-5	p	...	...	10°246	+30°255	0°80	50.8892	10.1	...	15°998	+15°834	-5	m	...
...	3°499	-48°376	-5	...	...	...	10°294	+16°730	1°00	50.8891	9.9	...	16°043	-47°815	-2	...	...
*	+3°501	-15°878	1°05	51.8858	9.6	...	+10°323	-47°981	-3	...	...	...	+16°238	+19°755	-3	...	...
*	3°504	+22°929	1°00	50.8883	9.7	*	10°360	-55°814	1°10	51.8873	9.6	...	16°349	+12°215	-3	...	...
...	3°525	+10°338	-5	m	...	...	10°486	-20°192	-2	...	...	...	16°418	-24°778	-2	...	...
...	3°633	-9°117	-5	...	...	...	10°633	+1°164	-2	...	...	...	16°479	+17°417	-5	...	...
...	3°745	-39°660	-5	...	...	...	10°846	+14°426	-3	...	...	...	16°543	-3°331	-3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
901-960						961-1020						1021-1080					
90I	+16.551	+19.188	-2	...	...	96I	+23.591	+7.531	-2	...	...	102I	+30.582	-57.243	-1	51.8904	10.2
*	16.580	-41.434	1.00	51.8879	9.8	...	23.614	+57.616	-5	m	...	...	30.610	-33.399	-3	...	...
...	16.624	+45.750	-5	m	...	*	23.700	+43.377	1.00	50.8911	9.7	...	30.669	-3.669	-5	...	...
...	16.775	-34.277	-5	...	...	...	23.718	+48.898	-1	50.8912	10.1	...	30.911	+47.092	-5	m	...
...	16.778	+28.012	-3	...	...	...	23.831	+49.713	-5	m	...	*	31.003	-13.187	1.10	51.8905	9.2
*	+17.057	-2.541	1.40	50.8900	9.1	*	+23.917	-31.127	1.00	51.8886	9.8	...	+31.017	-58.357	-3	...	...
...	17.121	-8.247	-4	...	...	...	24.024	+48.229	-3	...	...	...	31.044	+11.085	-5	...	...
...	17.347	+14.343	-5	m	...	...	24.029	-53.593	-5	...	...	...	31.060	-40.814	-5	...	...
...	17.385	-11.260	0.95	51.8880	10.0	*	24.160	-36.341	1.15	51.8887	9.4	...	31.145	+30.520	-4	b	...
...	17.448	-17.631	-3	...	...	*	24.435	-3.697	1.05	50.8913	9.5	...	31.208	-41.353	-5	...	...
91I	+17.480	-6.221	-3	...	...	97I	+24.523	-16.107	2.10	51.8888	8.4	103I	+31.233	+6.038	-5	m	...
*	17.536	+16.059	1.00	50.8901	9.6	...	24.711	+33.842	0.80	50.8914	10.1	...	31.247	-39.323	-5	...	...
...	17.746	-39.359	0.85	51.8881	10.0	...	24.711	+16.043	-2	...	...	...	31.273	+35.031	0.95	50.8924	10.1
...	18.225	+48.858	-2	...	...	...	24.879	-39.081	-4	...	...	...	31.441	+49.254	-5	m	...
...	18.644	-36.796	-4	...	...	...	24.999	-31.234	-3	...	...	...	31.462	-39.153	-3	...	...
...	+18.801	+42.264	-5	m	...	...	+25.125	-6.220	0.95	51.8889	9.8	...	+31.521	-15.933	0.80	...	...
...	18.947	+11.059	0.90	...	...	...	25.379	-33.268	-3	...	...	...	31.529	-7.807	0.95	51.8906	10.0
...	18.962	+54.133	-5	m	...	...	25.496	-13.300	-4	...	...	†	31.541	-24.981	-4	...	...
...	18.969	+11.690	-3	...	...	...	25.537	+21.041	-2	50.8915	10.1	...	31.571	-19.908	-5	...	...
...	19.222	+51.737	-5	...	...	...	25.751	-48.902	0.85	51.8890	10.0	...	31.657	-52.004	-5	...	...
92I	+19.344	+12.491	-5	m	...	98I	+25.828	+37.387	-2	...	...	104I	+31.898	+26.847	0.90	50.8925	10.1
...	19.517	+58.619	-3	49.8899	10.1	...	25.933	+30.674	0.85	...	...	...	31.925	+37.619	-3	...	...
...	19.799	+49.244	-3	...	...	...	25.997	-4.042	-5	...	...	†	32.068	+14.942	-5	...	...
†	19.849	+55.704	1.00	50.8902	9.7	...	26.122	-20.476	-2	51.8891	10.2	...	32.144	-2.930	-5	...	...
...	20.541	-21.890	-5	...	...	...	26.133	-57.674	-3	...	...	...	32.208	+2.412	0.85	50.8927	9.9
...	+20.561	+24.158	1.00	50.8903	9.9	...	+26.269	-16.868	-4	...	...	...	+32.338	+25.756	0.95	50.8926	9.7
*	20.599	+10.591	1.00	50.8904	9.7	...	26.301	-54.740	-3	...	...	...	32.498	-38.277	-3	...	...
...	20.685	-35.928	-5	p	...	*	26.464	-18.265	1.00	51.8892	9.8	...	32.513	+8.289	-5	m	...
...	21.105	-5.788	-2	...	...	...	26.515	-13.543	0.90	51.8893	10.0	...	32.615	-14.129	-2	...	...
...	21.168	-56.799	-5	...	...	...	26.648	-40.299	-5	...	...	...	32.950	-55.023	1.00	51.8908	9.8
93I	+21.176	-14.044	-3	...	...	99I	+26.740	-30.737	-3	...	...	105I	+33.024	-36.069	0.90	51.8907	10.0
...	21.223	+32.954	-4	...	...	...	26.814	-27.817	0.80	51.8895	10.2	...	33.039	+34.757	-1	...	...
*	21.308	-9.786	1.00	51.8882	9.8	*	26.856	-16.542	1.20	51.8894	9.4	...	33.208	-28.684	1.00	51.8909	9.8
...	21.316	+3.009	-5	m	...	*	27.272	+23.702	1.20	50.8916	9.5	...	33.213	-58.117	-5	...	...
*	21.329	-34.337	1.00	51.8883	9.8	S †	27.340	-40.030	1.95	51.8896	8.2	...	33.403	-50.842	-5	...	...
*	+21.434	+20.595	1.20	50.8905	9.1	...	+27.520	+19.249	-5	m	...	*	+33.478	-26.263	1.00	51.8910	9.8
...	21.501	-40.602	0.95	51.8884	10.0	...	27.767	+15.342	0.85	50.8917	9.8	...	33.498	+47.430	-3	...	...
...	21.837	+20.996	-3	a	...	†	27.877	-49.908	1.00	51.8897	9.8	...	33.561	-1.503	0.90	50.8928	10.1
...	22.146	+20.611	0.95	...	...	...	27.960	+36.092	0.90	50.8918	9.9	...	33.702	+1.023	-5	m	...
...	22.167	+41.365	-3	...	...	*	28.115	+24.303	0.95	50.8920	9.9	*	33.742	-38.066	1.30	51.8911	9.2
94I	+22.208	+51.065	-3	...	...	100I	+28.136	+50.327	-1	50.8919	10.1	106I	+33.874	-29.484	1.15	51.8912	9.2
...	22.215	-27.244	0.80	...	...	...	28.186	+4.237	-2	...	...	...	34.000	-5.296	-5	p	...
...	22.310	-42.541	-5	p	...	...	28.215	-31.227	-3	...	...	...	34.033	+1.958	-5	m	...
...	22.423	+59.157	-4	...	...	...	28.357	-4.481	-1	...	...	...	34.170	-1.635	0.90	50.8929	10.1
...	22.531	-53.127	-5	...	...	...	28.373	+48.959	0.30	50.8921	10.1	...	34.216	-4.351	-5	...	...
*	+22.608	+51.777	1.30	50.8906	9.2	*	+28.399	+20.379	1.40	50.8922	9.2	...	+34.280	+47.688	-5	m	...
...	22.650	+24.341	-2	...	...	*	28.563	-22.152	1.60	51.8898	8.8	...	34.329	+3.515	-5	m	...
...	22.892	-55.120	-3	...	...	...	28.607	-45.264	-5	...	...	...	34.369	+4.772	0.85	...	...
...	22.844	+48.853	-1	...	...	...	28.647	-7.443	-4	...	...	...	34.386	-18.178	0.90	51.8913	10.2
S *	22.853	+26.293	3.00	50.8907	7.8	...	29.179	+53.503	-5	m	...	...	34.478	+31.997	-2	...	...
95I	+22.897	+50.626	-4	...	...	101I	+29.350	-37.904	1.00	51.8900	9.8	107I	+34.632	-32.711	-2	...	...
†	23.007	+20.021	2.10	50.8908	8.4	*	29.519	-28.316	1.05	51.8901	9.6	...	34.690	+10.972	-5	m	...
...	23.010	-41.219	-5	...	...	...	29.639	-51.981	-3	...	...	†	34.773	+49.329	-3	...	...
...	23.181	-26.672	-5	...	...	...	29.905	+45.463	-5	...	...	*	34.823	-42.122	0.90	51.8914	10.0
*	23.243	-13.336	1.00	51.8885	9.8	S *	30.257	+47.025	1.85	50.8923	8.6	...	34.861	-40.114	-5	...	...
*	+23.253	+47.669	1.15	50.8909	9.4	...	+30.270	-38.330	0.95	51.8902	10.0	...	+35.077	-41.023	0.90	51.8915	10.2
...	23.294	-5.868	-5	p	...	...	30.374	-37.497	-3	...	...	...	35.086	+34.651	-4	b	...
...	23.347	-9.387	-1	...	...	*	30.447	-40.897	1.30	51.8903	9.4	*	35.273	+42.062	1.40	50.8930	9.4
...	23.415	+9.028	0.70	...	...	...	30.532	+30.666	-2	...	...	†	35.337	+14.841	0.90	50.8932	9.9
...	23.535	+44.595	1.00	50.8910	10.1	...	30.563	+46.874	-4	...	...	...	35.374	+17.002	-1	50.8931	10.1

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1081-1140						1141-1200						1201-1260					
1081	+35° 833	+2° 350	0.90	50.8933	9.8	1141	+43° 081	+31° 211	-5	m	...	1201	+49° 067	+37° 361	-3	...	...
*	36° 228	+25° 607	1.90	50.8934	8.7	...	43° 358	+7° 873	0.95	50.8942	10.1	...	49° 068	+2° 085	-4	...	...
...	36° 434	+31° 278	-3	...	...	...	43° 473	-22° 674	-5	...	...	*	49° 075	-9° 277	0.90	51.8934	9.8
...	36° 496	+17° 518	-5	m	...	*	43° 489	-34° 457	1.00	51.8925	9.6	*	49° 264	+24° 544	0.90	50.8949	9.9
...	36° 525	-31° 537	-2	...	...	...	43° 508	-11° 154	-5	...	...	...	49° 300	+20° 699	-5	...	...
...	+36° 556	+5° 062	-3	...	...	...	+43° 620	-40° 930	-3	...	...	...	+49° 697	-5° 665	-5	...	...
*	36° 668	-28° 219	0.95	51.8916	9.8	...	43° 685	-45° 639	-5	...	...	†	49° 775	+9° 910	-4	50.8950	10.1
...	36° 701	+36° 643	-5	m	...	...	43° 762	+45° 206	1.00	50.8943	9.9	†	49° 841	-15° 044	1.00	51.8937	9.6
...	36° 732	+33° 850	-5	m	...	...	43° 769	+20° 243	-3	...	...	...	49° 887	-21° 072	-5	p	...
*	36° 945	-38° 403	1.00	51.8917	9.6	*	43° 806	-24° 517	1.00	51.8926	9.6	...	49° 947	-54° 544	-5	...	...
1091	+36° 976	+2° 833	-2	...	...	1151	+43° 829	-14° 273	-5	p	...	1211	+50° 159	-12° 922	-4	...	...
...	37° 171	-33° 922	-5	p	...	...	43° 857	-30° 117	-4	...	...	...	50° 390	-58° 126	-1	51.8939	10.0
*	37° 283	+16° 912	1.50	50.8935	9.1	...	43° 997	+25° 181	-5	m	...	...	50° 410	-27° 425	-5	...	...
*	38° 095	-47° 968	1.30	51.8920	9.6	...	44° 058	+7° 018	-2	...	...	...	50° 411	+15° 924	-5	m	...
...	38° 232	+24° 307	-4	b	...	*	44° 126	-12° 417	1.00	51.8927	9.6	...	50° 647	-23° 664	-5	...	...
*	+38° 364	-24° 755	0.95	51.8919	9.8	...	+44° 258	+41° 487	-5	m	...	...	+50° 729	-31° 598	0.75	...	...
S	38° 555	+1° 352	1.90	50.8936	8.5	...	44° 398	+52° 942	-5	m	...	...	50° 738	+41° 175	-3	...	...
...	38° 655	-20° 522	-5	...	...	...	44° 495	-10° 006	-5	...	...	*	50° 931	-25° 942	1.00	51.8941	9.8
*	38° 698	-44° 697	0.95	51.8921	9.6	...	44° 861	-48° 866	-4	...	...	...	50° 934	-17° 385	0.95	51.8938	10.0
...	38° 803	-49° 760	-5	...	...	*	44° 921	-0° 537	0.90	50.8945	9.9	...	50° 949	+0° 418	-5	m	...
1101	+38° 875	+1° 356	-3	...	...	1161	+44° 961	+3° 683	-4	...	...	1221	+50° 980	-22° 622	1.00	51.8940	9.8
...	38° 912	-43° 335	-3	...	...	...	45° 052	+43° 221	-3	...	...	...	51° 011	+25° 883	1.00	50.8951	9.7
...	39° 082	+14° 141	-3	...	...	...	45° 058	+19° 439	-4	...	...	*	51° 060	+28° 927	1.20	50.8952	9.4
*	39° 197	-47° 970	1.00	51.8922	9.6	...	45° 220	+7° 999	0.95	50.8946	9.9	...	51° 220	-44° 296	-5	...	...
*	39° 252	+12° 461	1.40	50.8937	9.3	*	45° 295	+38° 792	0.95	50.8944	9.8	...	51° 236	-29° 902	-5	...	...
...	+39° 266	+39° 317	-2	...	...	†	+45° 552	-20° 012	-5	...	...	*	+51° 248	+40° 779	1.30	50.8953	9.4
...	39° 304	-35° 507	-5	...	...	*	45° 698	+40° 878	-3	...	...	...	51° 291	+28° 321	-5	...	...
...	39° 379	-46° 537	-2	...	...	*	45° 882	-30° 070	1.00	51.8928	9.8	...	51° 297	-25° 887	-3	...	...
...	39° 402	+43° 168	-5	m	...	...	45° 921	+54° 171	-5	...	...	...	51° 540	-11° 734	-5	...	...
*	39° 699	+24° 313	0.90	50.8939	10.1	...	45° 935	+42° 267	-3	...	...	...	51° 562	+19° 060	-3	...	...
1111	+39° 845	+8° 451	0.65	50.8941	10.1	1171	+45° 957	-51° 873	-5	...	...	1231	+51° 596	+17° 926	1.00	50.8954	9.8
†	39° 873	+49° 921	1.00	50.8938	9.8	...	45° 972	-42° 375	-3	...	...	*	51° 664	+28° 121	-5	...	...
...	40° 025	+53° 140	-1	50.8940	9.9	...	46° 131	-21° 211	-3	...	...	...	51° 692	+6° 595	1.00	50.8956	9.7
...	40° 051	-7° 742	-3	...	...	*	46° 821	-37° 325	1.20	51.8929	9.4	*	51° 728	+8° 636	1.00	50.8957	9.5
...	40° 198	-31° 704	-4	...	...	*	46° 822	+59° 076	1.20	49.8931	9.6	...	51° 747	+5° 076	-4	...	...
...	+40° 249	+13° 864	0.85	...	...	*	+46° 841	-3° 509	-1	...	...	*	+51° 794	-28° 370	1.05	51.8942	9.6
...	40° 428	-13° 555	-3	...	...	*	46° 868	+53° 578	2.30	50.8947	8.5	*	51° 822	+18° 427	1.00	50.8955	9.7
...	40° 439	+28° 350	-3	...	...	...	46° 997	-3° 092	-5	...	...	...	52° 147	+16° 949	0.80	...	...
...	40° 465	-8° 404	0.90	51.8923	10.0	*	47° 491	+56° 724	1.40	49.8932	9.0	...	52° 410	-27° 293	-5	e	...
...	40° 789	+1° 690	-2	...	...	...	47° 552	-57° 690	-3	...	...	...	52° 424	-31° 350	-2	e	...
1121	+40° 891	-15° 347	-2	...	...	1181	+47° 700	+14° 003	-2	...	...	1241	+52° 432	+17° 291	-2	...	...
...	41° 150	-15° 569	-5	...	...	...	47° 710	-46° 561	0.95	51.8931	9.8	...	52° 439	-17° 423	-5	...	...
...	41° 151	-33° 326	-3	...	...	*	47° 746	-25° 486	1.00	51.8930	9.8	...	52° 564	+20° 070	-5	m	...
...	41° 186	-37° 923	-2	...	...	...	47° 767	+11° 458	0.85	50.8948	10.1	...	52° 609	-4° 626	-5	...	...
...	41° 238	+23° 114	-2	...	...	†	47° 830	-15° 027	-3	...	...	...	52° 638	-7° 280	-5	p	...
...	+41° 307	+41° 159	-2	...	...	...	+47° 891	-27° 007	-3	...	...	...	+52° 658	-7° 788	-3	...	...
...	41° 464	-16° 201	-2	...	...	...	48° 126	+3° 814	-4	...	...	...	52° 798	+4° 279	-5	m	...
...	41° 579	-25° 161	-3	...	...	*	48° 208	-33° 193	0.95	51.8932	10.2	e	52° 989	-37° 233	1.00	51.8943	9.8
...	41° 591	+20° 242	-5	m	...	...	48° 317	-31° 729	-5	...	e	*	53° 025	-35° 630	1.00	51.8944	9.6
...	41° 754	-32° 099	-2	...	...	...	48° 337	+24° 760	-4	...	...	...	53° 175	-28° 022	-5	e	...
1131	+41° 769	+28° 241	-5	m	...	1191	+48° 355	+25° 148	-3	...	...	1251	+53° 184	-25° 631	1.30	51.8945	9.2
...	41° 833	-20° 513	-5	...	...	...	48° 482	-38° 798	-2	...	e	*	53° 296	-11° 232	0.70	e	...
...	41° 879	+29° 786	-5	m	...	*	48° 484	-58° 548	1.30	51.8936	9.6	...	53° 465	-6° 416	-2	e	...
...	41° 930	+43° 843	-5	...	...	...	48° 601	+27° 584	-5	m	...	e	53° 511	-55° 196	1.20	51.8946	9.6
*	42° 254	-22° 132	1.00	51.8924	9.8	...	48° 690	+14° 347	-5	m	...	...	53° 793	-17° 039	-2	e	...
...	+42° 496	-23° 023	-3	...	...	...	+48° 766	+12° 602	-4	...	...	...	+53° 845	-23° 651	-5	e	...
...	42° 564	-12° 978	-2	...	...	...	48° 798	+6° 996	-4	b	...	*	53° 852	+2° 699	1.00	50.8958	10.1
...	42° 592	+42° 783	-3	b	...	*	48° 847	-8° 889	1.00	51.8933	9.6	...	54° 091	-17° 460	-5	e	...
...	42° 616	+1° 768	-2	...	...	...	48° 913	+11° 671	0.80	...	...	...	54° 129	-32° 517	-5	e	...
...	42° 949	+1° 679	-5	m	...	...	48° 954	-15° 685	0.90	51.8935	10.0	e	54° 235	-7° 043	1.00	51.8947	9.6

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No. &	Mag.		x.	y.		...	No.
1261-1280						1281-1298											
I26I	+54.273	+31.665	-3	...	...	I28I	+56.275	-45.166	-3	e	...						
...	54.424	-13.505	-5	...	...	...	56.334	+31.637	-5	e	...						
...	54.603	+1.053	-3	...	...	...	56.371	+9.091	-2	...	...						
e †	54.637	-24.567	1.00	51.8948	10.0	...	56.709	-17.168	-4	e	...						
...	54.876	+8.091	0.90	50.8962	9.8	e	56.776	-13.975	0.90	51.8951	9.8						
e *	+54.907	-8.002	1.30	51.8949	9.2	...	+56.865	-9.271	-2	e	...						
...	54.926	+45.729	-3	50.8959	10.1	e *	57.012	-40.885	1.60	51.8952	9.1						
S *	54.964	+18.283	1.00	50.8960	9.6	...	57.022	+5.563	-5	e	...						
...	55.012	+25.658	-3	...	...	...	57.785	-9.233	0.75	e	...						
...	55.047	-19.911	-5	e	...	...	57.806	-3.206	-4	e	...						
I27I	+55.151	+45.192	-3	...	...	I29I	+58.048	-34.897	-3	e	...						
...	55.204	-48.342	-5	e	...	...	58.206	+26.978	-3	...	...						
...	55.456	+50.475	-1	50.8961	9.9	e	58.544	-37.306	0.95	51.8953	9.6						
...	55.564	-17.898	-5	e	...	...	58.843	+19.381	-4	...	...						
*	55.634	+21.847	1.00	50.8963	9.7	e	58.983	-33.919	0.95	51.8954	9.6						
e *	+55.847	-38.784	1.30	51.8950	9.4	...	+59.157	-32.561	-5	e	...						
...	55.934	-52.784	-5	e	...	...	59.587	+23.134	-5	...	...						
...	56.067	+52.397	-2	50.8964	10.1	†	59.701	-21.894	-4	e	...						
...	56.143	+1.420	-5	...	...												
...	56.216	+24.362	-4	...	...												

1-30						31-60						61-90					
I	-59.889	+50.375	-1	50.8961	9.9	3I	-57.465	-19.957	-5	E	...	6I	-53.086	-12.255	-5	...	...
†	59.811	-27.430	-5	E	...	...	57.328	+9.073	-2	...	...	E *	52.965	-33.790	0.95	51.8954	9.6
...	59.631	-31.488	-2	E	...	...	57.233	+1.405	-5	...	...	...	52.925	+24.697	-4	B	...
...	59.592	-6.534	-3	E	...	...	57.024	-17.934	-5	E	...	...	52.833	-32.430	-4	E	...
...	59.570	-11.355	-2	E	...	...	56.727	+27.094	-5	M	...	...	52.775	-4.880	-3	...	...
...	-59.561	+2.592	0.95	50.8958	10.1	...	-56.504	+5.580	-5	E	...	...	-52.751	-21.751	-4	E	...
...	59.365	+52.326	-1	50.8964	10.1	...	56.219	+27.005	-3	...	...	...	52.569	+31.049	-5	M	...
...	59.336	+25.582	-5	...	...	...	56.159	-48.361	-5	E	...	*	52.492	-18.282	1.00	51.8955	9.8
...	59.266	+3.765	-5	M	...	...	56.085	-9.262	-2	E	...	...	52.474	+35.759	-4	...	...
S *	59.100	+18.199	1.05	50.8960	9.6	E	55.966	-13.967	1.00	51.8951	9.8	...	51.773	-17.057	-1	...	...
II						4I						7I					
E *	-59.094	-25.739	1.15	51.8945	9.2	...	-55.914	-17.156	-5	E	...	*	-51.683	-27.006	1.10	51.8956	9.2
...	59.010	-28.127	-5	E	...	E *	55.892	-38.787	1.10	51.8950	9.4	S *	51.537	-14.833	1.90	51.8959	8.6
E	58.846	-35.740	1.00	51.8944	9.6	...	55.753	-21.577	-5	...	...	...	51.532	-20.819	0.85	51.8958	10.2
...	58.826	-17.135	-3	E	...	...	55.388	-3.158	-5	E	...	...	51.325	-52.536	-5	p	...
E	58.808	-37.353	1.00	51.8943	9.8	...	55.281	+19.472	-4	...	...	...	51.229	+33.836	-5	M	...
E *	-58.801	-7.127	1.00	51.8947	9.6	...	-55.259	-52.763	-5	E	...	...	-51.174	-56.760	-3	...	...
...	58.777	+8.018	1.00	50.8962	9.8	...	55.216	-45.151	-1	E	...	...	51.134	+34.666	-1	...	...
...	58.747	+0.984	-3	...	...	...	55.159	-9.183	0.80	E	...	...	51.129	+3.979	-2	...	...
...	58.575	+21.786	1.00	50.8963	9.7	†	55.118	+7.871	-5	M	...	...	51.112	-31.119	-3	...	...
...	58.520	-17.533	-5	E	...	...	54.814	+46.825	0.90	50.8965	9.9	...	51.088	-18.082	-5	...	...
2I						5I						8I					
...	-58.517	-23.731	-3	E	...	...	-54.678	+23.244	-4	...	...	...	-50.967	-33.332	-5	...	...
...	58.274	+31.592	-5	E	...	...	54.661	+29.296	-5	M	...	...	50.961	+17.084	0.95	50.8966	9.7
...	58.096	+24.324	-3	...	...	E *	54.649	-40.830	1.70	51.8952	9.1	...	50.686	+31.484	-1	...	...
E *	58.082	-8.064	1.10	51.8949	9.2	...	54.203	+7.284	-5	M	...	...	50.526	+42.804	0.90	50.8968	9.9
...	58.018	-57.394	-5	...	...	...	54.148	+15.124	-4	...	...	...	50.504	-6.134	0.95	51.8962	10.0
...	-57.986	-28.221	-5	p	...	...	-54.031	+30.707	-3	...	...	...	-50.491	+41.627	-2	...	...
...	57.876	-32.588	-5	E	...	...	53.847	-34.808	-3	E	...	...	50.295	-33.332	0.80	51.8960	10.2
E	57.686	-24.623	1.00	51.8948	10.0	...	53.524	-39.253	-5	...	...	...	50.258	-23.976	-5	...	...
E	57.500	-55.288	1.05	51.8946	9.6	E	53.263	-37.195	1.00	51.8953	9.6	...	50.250	+15.489	0.85	50.8967	10.1
...	57.501	-42.309	-5	...	...	...	53.102	+42.698	-1	...	...	...	50.245	-53.952	-2	...	...

L measured from 1, 94, 168, 276, 390, 575, 778, 1007, 1245, 1498, 1758, 2015.
 MC " " 50, 130, 221, 333, 480, 669, 891, 1111, 1348, 1631, 1887, 2123.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
91-150						151-210						211-270					
9I	-50.213	+45.827	1.00	50.8969	9.8	15I	-41.709	+4.009	-4	M	...	21I	-35.638	+10.998	1.05	50.8985	9.4
...	50.199	-29.362	0.95	51.8961	9.8	...	41.651	+32.471	0.90	50.8978	9.8	...	35.638	-55.134	-5	...	...
...	50.092	+59.124	-5	M	...	...	41.585	-34.903	1.80	51.8970	8.8	...	35.626	-18.528	-5	...	...
...	49.768	-56.805	-3	...	...	...	41.514	-4.603	-3	...	...	...	35.584	-44.737	-5	...	...
...	49.557	+38.734	-5	M	...	...	41.432	-40.770	-4	...	...	...	35.580	-15.071	-5	...	...
*	-49.529	-22.452	3.00	51.8963	8.4	*	-41.403	+34.377	1.00	50.8979	9.7	...	-35.563	+57.445	-1	...	...
...	49.472	+50.378	-3	...	...	...	41.242	-40.999	-4	...	...	...	35.509	-30.422	-3	...	...
...	49.414	-38.803	-5	...	...	...	41.069	-50.712	-5	...	...	*	35.411	+48.243	2.00	50.8986	8.2
...	49.310	-6.976	-5	p	...	...	41.025	+6.640	-5	M	...	...	35.404	-14.709	-4	...	...
...	49.265	-19.047	-5	...	...	...	40.881	-11.795	0.95	51.8971	10.0	...	35.044	+53.358	-3	...	...
10I	-49.107	+2.448	-3	...	...	16I	-40.650	-18.960	-5	...	...	22I	-34.952	+45.872	-5	M	...
...	49.036	+41.403	-4	B	...	...	40.571	-29.765	-3	...	...	...	34.752	-45.058	-4	...	...
...	49.014	-50.047	-5	...	...	*	40.392	+33.704	1.50	50.8980	8.9	...	34.540	-6.727	-4	...	...
*	48.953	+13.559	1.00	50.8970	9.7	...	40.296	-18.992	-4	...	...	...	34.509	-2.606	-2	...	...
...	48.950	-8.909	-3	...	...	...	40.239	-12.767	-5	...	...	...	34.334	-15.562	-5	...	...
...	-48.918	+42.408	-5	M	...	...	-40.088	+9.510	-3	...	...	...	-34.312	-3.413	-2	...	...
...	48.867	+53.270	-5	M	...	...	40.074	+37.926	1.00	50.8981	9.8	...	34.269	-1.166	-4	...	...
...	48.839	+44.342	-5	M	...	...	40.020	+7.158	-5	M	...	*	34.199	-47.231	1.00	51.8978	9.8
...	48.809	-15.549	-2	...	...	...	39.972	+20.759	-5	M	...	...	33.851	+47.787	-3	...	...
...	48.681	-24.636	-3	...	...	...	39.835	-50.501	1.00	51.8972	10.0	...	33.804	-47.292	-4	...	...
11I	-48.422	-15.133	0.95	51.8964	10.2	17I	-39.805	+47.987	1.25	50.8982	9.4	23I	-33.654	+59.621	-2	...	...
...	48.302	+23.356	-2	...	...	*	39.497	+49.691	1.20	50.8984	9.2	...	33.589	-20.810	-4	...	...
...	48.281	+0.175	-5	M	...	...	39.404	+31.836	-4	...	...	...	33.435	-54.042	0.90	51.8979	10.0
...	48.249	+19.521	-5	M	...	...	39.397	-46.227	-3	...	...	...	33.272	-5.879	-4	...	...
*	47.987	+38.050	1.05	50.8971	9.7	...	39.343	+27.835	0.80	...	...	*	33.051	+30.132	2.40	50.8987	8.1
...	-47.952	+27.000	-5	M	...	...	-39.174	-22.834	-4	...	...	...	-33.011	-46.597	-5	...	...
...	47.890	-58.843	-5	...	...	...	39.034	+4.008	0.85	...	...	*	32.926	+49.556	1.30	50.8990	9.3
...	47.443	+15.959	-3	B	...	*	38.988	+12.839	1.00	50.8983	9.7	...	32.926	+31.959	-3	...	...
...	47.439	+11.918	-2	...	...	...	38.906	-39.357	0.95	51.8973	10.0	...	32.822	+13.761	-3	...	...
...	47.129	-40.883	1.00	51.8965	10.0	...	38.807	-50.680	-5	...	...	...	32.815	-13.021	-5	...	...
12I	-46.851	-23.142	-4	...	...	18I	-38.778	-30.259	-5	...	...	24I	-32.778	+15.966	-5	M	...
*	46.467	+18.340	0.95	50.8972	9.8	...	38.717	-42.279	-5	...	...	...	32.715	-48.363	0.85	51.8980	10.0
...	46.385	-23.812	1.00	51.8966	9.8	...	38.668	+42.083	-5	...	...	...	32.681	-37.117	0.90	51.8981	10.0
...	46.167	-41.405	-2	...	...	...	38.639	-18.205	-1	...	...	...	32.646	+47.495	-2	...	...
...	46.162	-42.088	-4	...	...	...	38.616	-17.001	-5	...	...	...	32.437	+32.509	-5	M	...
...	-45.996	-57.900	-2	...	...	...	-38.405	-28.472	-5	...	...	...	-32.411	-27.881	-2	...	...
...	45.367	-55.901	-2	...	...	...	38.133	-29.260	-5	...	...	...	32.350	-0.528	0.95	50.8988	9.7
...	45.288	-17.241	0.75	...	...	...	37.890	+4.502	-5	M	...	...	32.288	+54.876	-5	M	...
...	45.228	-37.614	-3	...	...	...	37.866	-3.566	-5	...	...	...	32.144	-22.821	0.80	51.8983	10.0
...	44.947	+41.133	0.85	50.8973	10.1	...	37.791	-20.595	-3	...	...	*	32.130	-32.645	1.20	51.8982	9.4
13I	-44.752	+58.776	-5	I	...	19I	-37.781	+3.056	-5	...	...	25I	-32.115	+2.232	1.20	50.8989	9.4
...	44.710	+53.205	-1	50.8974	10.1	*	37.775	-29.837	1.05	51.8975	9.2	...	32.098	+51.987	-3	...	...
...	44.471	-34.191	-4	...	...	...	37.719	+19.036	-4	...	...	*	32.064	-20.030	0.95	51.8984	10.0
...	44.197	-29.382	-4	...	...	...	37.526	+34.106	-2	...	...	...	31.928	-31.824	-4	...	...
...	44.085	-10.109	0.65	...	...	*	37.471	-54.520	1.10	51.8974	9.6	...	31.876	+15.048	0.80	50.8991	10.1
...	-44.082	-56.241	-3	...	...	...	-37.396	-42.950	-5	p	...	...	-31.586	+11.297	-2	...	...
...	43.919	+50.921	-4	...	...	...	37.324	+34.182	-2	...	...	...	31.513	+47.477	-4	B	...
...	43.911	+24.377	-5	M	...	*	37.095	-55.054	1.90	51.8976	8.8	...	31.480	-54.342	-5	p	...
...	43.856	+44.215	-3	...	...	...	36.982	-17.770	-5	...	...	...	31.236	+40.385	-4	B	...
...	43.770	-39.013	-3	...	...	*	36.878	-51.164	3.00	51.8977	7.8	...	31.181	-12.766	-3	...	...
14I	-43.572	-42.000	1.90	51.8967	8.8	20I	-36.628	+50.693	-5	M	...	26I	-31.118	-30.694	-5	...	...
*	43.519	+20.604	-5	M	...	...	36.437	-25.795	0.85	...	...	*	31.093	-36.235	1.80	51.8985	8.6
...	43.062	-13.739	-1	51.8969	10.2	...	36.421	-49.604	-5	...	...	...	31.064	-43.461	-1	...	...
...	42.980	-31.252	0.80	51.8968	10.2	...	36.213	-16.206	-5	...	...	...	31.026	-29.115	-5	...	...
...	42.938	+53.050	-3	...	...	...	36.074	-19.889	-5	...	...	...	30.962	-47.280	-2	...	...
...	-42.866	+59.206	1.00	49.8954	9.9	...	-36.050	-43.749	-1	...	...	...	-30.947	-29.132	-5	...	...
...	42.803	+16.254	0.85	50.8975	10.1	...	35.982	-37.738	-5	...	...	*	30.887	-30.042	1.00	51.8986	9.6
*	42.677	+36.460	1.20	50.8977	9.5	...	35.895	+49.538	-5	M	...	...	30.801	+19.988	-2	...	...
...	42.663	+34.967	0.85	50.8976	9.9	...	35.875	+8.724	-5	M	...	...	30.796	+51.815	-2	50.8992	10.1
...	42.353	-4.933	-2	...	...	...	35.692	-50.377	1.00	...	...	...	30.794	-12.866	0.90	51.8989	10.0
†																	
†																	

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
271-330						331-390						391-450					
27I	-30.776	-16.914	0.75	51.8988	10.2	33I	-25.271	-33.240	0.95	51.9000	9.6	39I	-20.026	-35.319	-3	...	...
*	30.686	-27.320	1.10	51.8987	9.4	†	25.158	+41.510	1.00	50.9003	9.7	...	19.962	-44.135	-3	...	...
...	30.675	-36.562	-4	...	...	...	25.094	-40.207	0.90	...	...	*	19.952	-12.720	1.00	51.9014	9.6
...	30.430	-23.488	-5	...	...	...	24.965	+39.259	-3	...	...	...	19.919	-39.115	0.70	...	...
...	30.358	-17.409	0.65	...	...	...	24.877	-23.801	-3	...	...	...	19.892	+6.589	1.00	...	...
...	-30.020	-21.093	0.75	...	...	...	-24.788	-26.222	-2	...	...	...	-19.799	-30.671	0.90	...	...
...	29.998	-31.238	-3	...	...	*	24.712	-20.220	1.20	51.9001	9.2	...	19.741	-47.357	-3	...	...
...	29.991	+41.760	-2	...	...	...	24.378	+39.290	-5	M	...	...	19.577	+37.954	0.85	...	...
...	29.940	-12.875	-3	...	...	...	24.377	-39.266	-5	...	...	*	19.383	-19.855	1.05	51.9016	9.6
...	29.864	+21.099	-2	...	...	...	24.338	+54.345	-4	B	...	...	19.354	-27.904	-2	...	...
28I	-29.838	+7.117	0.75	50.8993	10.1	34I	-24.253	+49.290	0.90	50.9005	9.8	40I	-19.342	-56.373	1.10	51.9015	9.2
...	29.822	-35.718	2.00	51.8990	8.2	...	24.163	-53.112	-5	p	...	...	19.325	-39.371	-5	...	...
*	29.764	-17.545	0.85	51.8991	10.2	*	24.137	-47.085	1.10	51.9002	9.6	...	19.262	+55.589	-4	B	...
...	29.684	-19.612	-5	...	...	†	23.950	+4.987	-3	...	...	...	19.242	-22.335	0.80	...	...
...	29.591	-3.960	0.80	50.8994	9.9	...	23.946	+33.112	-4	M	...	*	19.237	+42.128	1.00	50.9010	9.6
...	-29.584	-31.883	-5	...	...	*	-23.886	-2.089	1.70	50.9004	8.9	...	-19.179	-23.755	0.70	...	...
...	29.498	+45.094	-2	...	...	...	23.882	+51.475	-4	B	...	*	19.114	+53.876	1.15	50.9011	9.5
*	29.425	+26.827	1.00	50.8995	9.8	...	23.825	-36.551	-5	...	...	...	19.100	-41.842	-3	...	...
...	29.390	-38.882	1.00	51.8992	9.8	...	23.795	-8.250	-4	...	...	...	19.016	-21.237	-2	...	...
...	29.300	+10.480	-4	B	...	*	23.543	-36.386	1.00	51.9003	10.0	...	18.957	-38.574	0.90	51.9018	10.2
29I	-29.290	-8.672	-2	...	...	35I	-23.475	+40.254	1.10	50.9006	9.3	41I	-18.954	-52.527	1.35	51.9017	9.0
...	29.255	-36.628	-3	...	...	*	23.357	+27.165	-5	M	...	...	18.951	-12.136	-5	p	...
...	29.161	+37.394	-5	M	...	*	23.338	-21.765	1.00	51.9004	9.6	...	18.920	+13.507	-3	...	...
...	29.108	-25.159	-3	...	...	...	23.154	+35.058	-2	...	...	...	18.891	-24.863	0.90	51.9020	10.2
...	29.060	+44.244	-3	...	...	...	23.100	-7.444	-2	51.9005	10.2	...	18.873	+2.367	0.90	...	...
...	-29.035	+18.042	-5	M	...	...	-23.068	-56.759	-3	...	...	*	-18.861	-45.570	1.00	51.9019	10.0
*	28.935	-39.680	0.95	51.8993	10.2	N	22.967	+6.774	-4	...	...	...	18.756	+0.797	-5	M	...
...	28.730	+39.144	0.90	...	...	N	22.913	+6.787	-3	...	...	...	18.721	+5.506	-5	...	...
...	28.621	-46.085	1.00	51.8994	9.8	...	22.717	+36.064	0.80	50.9007	10.1	...	18.686	-12.151	-5	p	...
*	28.619	+30.591	1.00	50.8996	9.7	...	22.672	-28.162	-3	...	...	...	18.576	+37.876	-3	...	...
30I	-28.422	+54.170	-3	...	...	36I	-22.615	-10.602	0.90	51.9007	9.8	42I	-18.351	+23.254	-5	...	...
...	28.411	+12.680	-3	...	...	*	22.591	-20.876	1.10	51.9006	9.4	...	18.297	-35.519	-4	...	...
...	28.387	+36.101	-5	M	...	...	22.493	-35.143	0.90	...	...	...	18.234	+52.255	-2	...	...
†	28.166	+44.775	1.00	50.8998	9.9	...	22.455	+37.016	-3	...	...	...	18.183	+7.600	0.80	50.9012	10.1
Sn*	28.022	-42.410	2.95	51.8995	8.0	*	22.390	-14.180	1.50	51.9008	9.2	...	18.176	-46.050	-4	...	...
...	-27.981	-33.875	-3	...	...	*	-22.256	+38.656	1.00	50.9008	9.7	*	-18.113	-21.507	1.60	51.9021	8.6
...	27.864	-11.717	0.90	51.8996	10.2	...	22.047	-16.091	-4	...	...	...	18.098	+55.910	-5	...	...
...	27.793	-34.633	-5	...	...	...	21.935	-27.959	-5	...	...	...	18.053	+10.088	-2	...	...
*	27.725	+0.519	1.00	50.8997	9.7	...	21.754	-26.082	-3	...	...	...	17.910	+14.080	-4	M	...
n*	27.671	-42.303	1.00	51.8995	8.0	S*	21.599	+43.091	3.35	50.9009	7.9	...	17.888	+55.681	-3	...	...
31I	-27.658	-25.706	0.70	...	...	37I	-21.486	-30.463	-3	...	...	43I	-17.866	+51.855	-3	...	...
...	27.622	-6.499	-3	...	...	...	21.444	-56.036	0.95	51.9009	9.8	...	17.737	-24.678	-4	...	...
...	27.601	+7.736	0.90	...	...	...	21.435	-43.636	-3	...	...	...	17.709	+21.317	-5	...	...
...	27.474	-24.486	1.00	51.8997	10.0	...	21.409	-9.346	-4	...	...	...	17.682	-37.835	-3	...	...
...	27.344	-17.734	0.75	...	...	...	21.241	-9.209	-3	...	...	...	17.540	+11.710	-5	...	...
...	-27.139	-36.165	0.65	...	...	...	-21.087	+22.249	-4	...	...	...	-17.464	+50.254	-3	...	...
*	27.107	+43.095	1.40	50.8999	9.1	...	20.917	-37.176	-4	...	...	...	17.456	+47.869	-3	...	...
...	26.655	-18.696	-5	...	...	*	20.860	-33.595	0.90	...	...	...	17.373	-6.585	-3	...	...
...	26.633	-13.866	-2	...	...	*	20.800	-22.419	1.20	51.9010	9.6	...	17.299	+11.745	-5	M	...
...	26.485	+13.110	0.85	50.9000	10.1	...	20.752	-32.318	-4	...	...	*	17.135	+48.898	1.15	50.9014	9.5
32I	-26.383	-48.490	-2	...	...	38I	-20.730	+9.203	-5	...	...	44I	-17.132	+44.966	-3	...	...
...	26.144	-31.943	0.95	51.8998	9.8	...	20.683	-13.825	0.90	51.9012	9.8	...	17.126	-45.512	-3	...	...
*	25.893	-39.822	-2	...	...	...	20.652	-34.550	-4	...	...	*	17.060	+24.649	1.00	50.9013	9.7
...	25.853	-23.296	-5	...	...	...	20.592	-26.294	-2	...	...	...	17.041	-8.094	-5	...	...
...	25.720	+42.654	0.85	50.9001	10.1	...	20.591	+58.007	-5	...	...	...	17.007	-2.265	-1	...	...
...	-25.628	-25.159	-3	...	...	...	-20.479	-44.403	-4	...	...	...	-16.916	+19.520	-5	...	...
...	25.566	-48.202	1.00	51.8999	9.8	...	20.379	+51.744	0.75	...	...	...	16.890	-39.405	-5	...	...
...	25.533	-15.383	-5	...	...	...	20.324	+29.627	-2	...	...	...	16.828	-26.502	-2	...	...
...	25.511	+37.812	1.00	50.9002	9.7	†	20.195	-7.921	1.00	51.9013	9.4	...	16.793	+50.892	1.00	50.9016	9.8
†	25.308	-30.011	-3	...	...	†	20.113	-31.692	-5	...	...	...	16.679	+17.465	-5	M	...

305. 310. C.P.D., mass.

357. 358. 50° 81, mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
451-510						511-570						571-630					
45I	-16°590	-31°727	1.00	51.9022	10.0	51I	-13°489	-45°135	-3	...	...	57I	-10°377	+43°072	-4	...	...
...	16°574	-14°879	-5	<i>p</i>	...	...	13°435	+12°650	-2	...	...	...	10°261	-27°702	-3	...	...
*	16°516	+11°874	1.00	50.9015	9.7	<i>n</i> *	13°343	-49°207	1.30	51.9034	8.8	†	10°227	-15°063	-4	...	...
...	16°440	-18°582	0.90	51.9023	10.0	...	13°264	+3°713	-3	<i>B</i>	...	†	10°199	-17°296	0.75	...	...
...	16°390	-24°145	-3	...	...	...	13°206	+13°252	-3	...	...	†	10°109	+27°259	-5	...	...
...	-16°375	-26°715	-2	...	...	<i>n</i> *	-13°177	-49°312	1.00	51.9034	8.8	...	-10°017	-6°357	-4	...	...
...	16°283	-15°482	-3	...	...	...	13°096	-8°093	-5	<i>p</i>	...	...	9°996	+11°455	-5	<i>M</i>	...
...	16°235	-7°106	-4	...	...	...	13°080	+17°596	-3	...	...	...	9°680	+30°235	-5	...	...
...	16°218	-17°444	-3	...	...	...	13°072	-0°141	-3	...	...	...	9°534	-10°284	0.90	51.9044	10.2
...	16°184	+29°572	0.90	...	...	...	12°988	+31°035	-2	...	...	...	9°518	-30°302	-5	...	...
46I	-16°099	-27°875	-5	...	...	52I	-12°983	-38°842	0.95	51.9035	9.8	58I	-9°479	+21°077	-4	<i>M</i>	...
...	16°073	-31°977	-5	...	...	...	12°940	+42°004	-3	...	...	...	9°415	+20°042	-4	...	...
...	16°036	+37°093	0.70	50.9017	10.1	...	12°881	-19°139	-5	...	...	...	9°356	+39°519	0.80	...	...
...	16°008	+37°710	0.80	50.9018	10.1	...	12°626	-2°605	-5	...	...	...	9°280	+40°994	-5	<i>M</i>	...
...	15°988	-29°185	0.90	51.9024	10.0	...	12°530	-43°196	-5	...	...	...	9°195	-18°913	0.80	51.9045	10.2
...	-15°934	+13°061	-5	<i>M</i>	...	...	-12°495	-0°716	-2	...	...	...	-9°065	-20°810	-5	...	...
...	15°850	+50°902	-5	<i>M</i>	...	...	12°395	-27°757	-3	...	...	...	9°056	+3°797	-5	<i>M</i>	...
...	15°756	+0°895	-5	...	...	...	12°344	+4°333	-5	<i>M</i>	...	...	9°000	-40°271	-5	...	...
...	15°708	+1°999	-5	<i>M</i>	...	...	12°322	-36°053	0.90	51.9037	9.8	...	8°976	+13°217	-5	<i>M</i>	...
...	15°641	+40°252	-5	...	...	*	12°253	-14°645	0.95	51.9038	10.0	...	8°964	-8°074	-5	<i>p</i>	...
47I	-15°610	-16°927	-2	...	...	53I	-12°162	-59°228	-5	...	...	59I	-8°924	-36°313	1.20	51.9046	9.2
...	15°589	+4°726	0.90	50.9019	10.1	...	12°140	-21°852	-5	...	...	*	8°918	+49°246	1.10	50.9030	9.7
...	15°555	-50°077	-1	...	...	...	12°123	+24°271	0.65	...	...	...	8°903	-4°688	0.95	51.9048	10.0
*	15°538	-14°867	1.00	51.9025	9.8	*	12°087	-2°427	0.95	50.9025	9.8	...	8°669	+41°432	-2	...	...
...	15°471	-42°171	-2	...	...	*	12°078	-54°105	2.20	51.9036	8.4	...	8°633	-8°819	-1	...	...
...	-15°453	+41°554	0.75	...	...	...	-11°987	-13°916	-2	51.9039	10.0	*	-8°608	-55°069	1.50	51.9047	8.6
...	15°412	-13°463	0.85	51.9026	10.2	...	11°947	+7°719	-4	<i>M</i>	...	...	8°577	-11°868	1.00	51.9049	10.0
...	15°377	+6°809	0.75	50.9020	10.1	...	11°936	+38°664	-3	...	...	...	8°570	+37°533	-4	...	...
...	15°321	+25°384	0.75	...	...	...	11°893	+54°084	-3	...	...	...	8°543	-14°774	-5	<i>p</i>	...
†	15°141	+2°102	-3	...	...	...	11°803	-14°267	-5	<i>p</i>	...	*	8°484	+34°148	1.15	50.9031	9.5
48I	-15°131	-56°211	-5	...	...	54I	-11°765	+27°882	-2	...	...	60I	-8°457	-16°689	-5	...	...
...	15°113	-24°107	-3	...	...	...	11°641	+21°546	-4	...	...	...	8°441	-28°820	-5	...	...
...	15°014	+13°787	-4	...	...	...	11°627	-2°669	-5	<i>p</i>	...	*	8°237	-20°302	1.15	51.9050	9.2
...	14°732	-38°623	0.90	51.9027	10.0	...	11°560	-11°656	-5	...	...	...	8°230	-25°708	0.95	...	...
*	14°718	-9°929	1.20	51.9031	9.6	...	11°551	+34°735	-3	...	...	*	8°203	+29°121	1.00	50.9032	9.8
...	-14°712	-25°952	-5	<i>p</i>	...	*	-11°344	+1°201	1.10	50.9026	9.6	...	-8°200	-11°161	-5	...	...
*	14°658	+44°639	1.00	50.9021	9.8	...	11°337	+38°595	0.90	50.9027	9.8	...	8°133	+0°926	-5	<i>M</i>	...
...	14°648	-23°935	0.80	51.9030	10.2	...	11°309	-57°828	-3	...	...	...	8°057	-15°334	-3	...	...
...	14°598	+34°402	-1	50.9022	10.1	...	11°292	-18°920	-5	...	...	...	7°969	-14°483	-5	...	...
*	14°523	+52°478	0.85	50.9023	10.1	...	11°226	-43°317	-5	...	...	...	7°885	-18°939	-4	...	...
49I	-14°519	-12°865	0.75	...	...	55I	-11°210	+6°343	-5	<i>M</i>	...	61I	-7°878	-55°424	-2	...	...
*	14°490	-40°237	1.40	51.9029	9.2	...	11°161	-23°254	-3	...	...	...	7°828	-16°495	-3	...	...
...	14°356	+4°217	-3	<i>A</i>	...	*	11°066	-35°404	2.50	51.9040	8.2	...	7°823	-38°996	0.70	...	...
...	14°354	-9°722	0.90	51.9032	10.0	...	11°056	+36°004	-3	...	...	...	7°807	+54°069	-5	...	...
...	14°240	+37°947	-5	<i>M</i>	...	...	11°050	-18°098	-4	...	...	...	7°745	-20°383	-5	...	...
*	-14°230	+57°299	1.40	49.8996	9.4	...	-11°027	-9°358	-2	...	...	...	-7°744	-21°164	-1	...	...
...	14°172	-13°000	-4	...	...	...	10°919	-53°687	-3	...	...	...	7°707	+36°194	-3	...	...
...	14°166	-22°266	-5	<i>p</i>	...	...	10°887	-31°364	-3	...	...	...	7°689	-2°749	-3	...	...
...	13°933	-36°730	-5	<i>p</i>	...	...	10°869	+24°676	-3	...	...	...	7°631	+6°451	-5	<i>M</i>	...
...	13°925	-23°548	0.80	...	...	...	10°837	+48°517	-4	...	...	...	7°549	+44°231	-5	<i>M</i>	...
50I	-13°826	+15°562	-5	<i>M</i>	...	56I	-10°804	-37°837	-5	...	...	62I	-7°517	-0°392	-5	<i>p</i>	...
...	13°822	+12°587	0.90	...	...	...	10°633	-2°902	-5	<i>p</i>	...	...	7°391	+48°583	-3	...	...
...	13°802	-12°999	-4	...	...	...	10°615	-31°477	-4	...	...	...	7°353	-12°655	-5	<i>p</i>	...
...	13°790	-22°174	-2	...	...	...	10°558	-9°491	-3	...	...	...	7°333	+18°321	1.00	50.9033	9.8
*	13°720	+41°982	-2	...	...	*	10°492	-16°335	1.10	51.9041	9.6	...	7°322	+55°338	-4	<i>A</i>	...
...	-13°673	-27°552	1.00	51.9033	9.6	...	-10°433	+48°899	0.90	50.9029	9.8	...	-7°291	-45°702	-5	...	...
...	13°545	-24°069	-4	...	...	...	10°426	-11°165	-5	...	...	...	7°220	-22°828	-5	...	...
...	13°542	-1°612	-2	...	...	*	10°406	+6°410	1.00	50.9028	9.7	...	7°192	+45°367	-5	<i>M</i>	...
*	13°507	+18°797	1.00	50.9024	9.7	...	10°405	-13°071	0.90	51.9043	10.0	...	7°182	-7°809	-5	<i>p</i>	...
...	13°496	+10°728	-5	<i>M</i>	...	*	10°386	-19°407	1.00	51.9042	9.6	...	7°143	-41°945	1.00	...	...

513, 516. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
631-690						691-750						751-810					
63I	-7.142	-46.009	1.00	51.9051	9.4	69I	-4.253	-35.519	1.30	51.9060	9.2	75I	-1.577	-1.226	-5	...	...
...	6.979	+0.310	-5	M	...	...	4.192	+17.694	0.90	50.9043	9.7	...	1.566	+35.290	-4	Am	...
...	6.962	+6.699	-2	...	...	...	4.178	-18.838	0.80	51.9061	10.0	...	1.555	-6.243	-4	...	...
...	6.937	-41.738	-4	...	...	...	4.135	-25.589	-4	...	...	...	1.424	-33.995	1.30	51.9073	9.2
...	6.933	-42.189	0.70	...	...	...	4.121	+7.264	-2	...	...	...	1.297	-34.003	0.90	...	...
...	6.879	-53.669	1.00	51.9052	9.6	...	-4.094	+53.119	-5	...	...	...	-1.215	+31.880	-5	Mm	...
...	6.853	+23.384	-5	M	...	...	4.035	-13.206	-4	...	...	...	1.188	-12.993	-5	...	...
...	6.836	-16.463	-5	...	...	...	4.000	-18.894	-3	...	...	...	1.143	+33.683	-2	...	...
...	6.797	+37.628	0.85	...	...	...	3.982	+25.141	-5	M	...	...	1.131	+15.462	0.80	...	...
...	6.763	+0.541	-5	M	...	...	3.903	-22.523	-2	51.9062	10.2	...	1.131	-22.993	-5	...	...
64I	-6.715	+21.045	1.10	50.9034	9.5	70I	-3.865	+20.173	-4	...	...	76I	-1.118	-8.528	-3	...	...
...	6.569	+51.558	-5	...	...	...	3.844	-26.778	-5	...	...	...	1.071	-5.707	-4	...	...
...	6.521	+19.788	-4	...	...	...	3.691	+52.204	-4	...	...	...	1.067	+19.091	1.00	50.9050	9.8
...	6.443	-21.400	-3	...	...	...	3.682	-1.608	-2	...	...	...	0.987	-3.807	-2	...	...
...	6.370	-28.066	-3	...	...	...	3.505	-20.321	1.40	51.9063	9.0	...	0.957	-21.571	1.90	51.9074	8.4
...	-6.282	-28.852	0.85	51.9053	10.0	...	-3.370	+30.367	1.60	50.9044	8.9	...	-0.838	-21.515	1.10	...	...
...	6.159	-3.411	-3	...	...	...	3.324	+29.174	0.85	...	...	...	0.949	+13.726	-3	...	...
...	6.120	-59.742	-5	p	...	...	3.293	+47.090	-4	...	...	...	0.813	+25.350	-4	Mm	...
...	6.064	-7.279	-3	...	...	...	3.262	-14.429	-4	...	...	...	0.761	-28.943	0.80	...	...
...	5.980	-51.788	-2	...	...	...	3.204	+24.288	-5	M	...	...	0.705	-44.295	-5	...	...
65I	-5.918	-27.058	1.15	51.9054	9.2	71I	-3.199	-37.836	-3	...	...	77I	-0.671	-7.058	-5	p	...
...	5.863	+30.696	-5	M	...	...	3.172	+2.518	0.95	50.9045	9.9	...	0.646	+31.965	0.80	50.9051	10.1
...	5.858	+39.003	1.00	50.9035	9.8	...	3.101	-20.249	-2	...	...	...	0.637	-38.146	-5	...	...
...	5.756	-28.406	-5	...	...	...	3.030	-31.417	1.10	51.9064	9.2	...	0.556	+11.310	-3	...	...
...	5.646	-44.475	0.80	...	...	...	2.998	-57.345	-3	...	...	...	0.518	-17.607	-5	...	...
...	-5.606	-30.298	-2	...	...	...	-2.792	-14.656	-2	...	...	...	-0.507	-9.518	-1	...	...
...	5.599	-15.769	-2	...	...	...	2.772	+19.041	-5	Mm	...	...	0.504	-20.326	0.90	51.9075	9.8
...	5.582	-17.472	-5	p	...	...	2.762	-23.426	-3	...	...	...	0.089	-1.371	-5	...	...
...	5.554	-17.110	-5	...	...	...	2.748	-8.180	0.90	51.9065	9.8	...	0.056	-20.941	0.70	...	...
...	5.542	-18.798	-5	p	...	...	2.727	+41.125	-4	...	...	...	0.031	-11.861	-2	...	...
66I	-5.536	+29.496	0.95	50.9036	10.1	72I	-2.652	+33.129	-2	...	...	78I	-0.010	-1.013	0.65	...	...
...	5.416	-16.420	-4	...	...	...	2.613	+33.227	-4	m	...	...	+0.027	-43.041	0.70	...	...
...	5.400	-10.695	-5	p	...	...	2.613	-19.081	1.30	51.9067	9.2	...	0.103	+23.322	1.00	50.9052	9.8
...	5.309	-42.262	-5	...	...	...	2.551	-4.540	0.90	51.9069	10.0	...	0.154	+27.339	0.70	...	...
...	5.295	+13.940	-5	M	...	...	2.514	+16.595	-3	M	...	...	0.156	-1.038	0.80	50.9053	10.1
...	-5.292	+13.079	0.95	50.9037	10.1	...	-2.497	+39.866	-4	m	...	...	+0.320	-47.675	1.00	51.9076	10.0
...	5.248	+1.525	-5	...	...	...	2.488	-34.247	-1	51.9066	10.2	...	0.322	+22.626	-5	Mm	...
...	5.237	+25.370	1.00	50.9038	9.7	...	2.476	+51.417	1.00	50.9047	10.1	...	0.351	+7.238	0.90	50.9054	10.1
...	5.227	-58.887	-5	p	...	...	2.464	-27.785	-5	...	...	...	0.365	+21.992	1.30	50.9055	9.2
...	5.121	+12.190	1.70	50.9039	8.9	...	2.455	-14.142	0.90	51.9070	10.2	...	0.368	-23.839	0.90	51.9077	10.2
67I	-5.084	+44.353	-5	...	...	73I	-2.434	-30.884	1.20	51.9068	9.2	79I	+0.417	+13.398	0.85	...	...
...	5.084	-34.573	-1	51.9055	10.0	...	2.423	-25.602	-4	...	...	...	0.477	-29.067	-2	...	...
...	5.080	-46.479	-5	...	...	...	2.395	-27.089	-5	...	...	...	0.531	-34.982	1.05	51.9078	9.2
...	5.022	-3.300	-5	...	...	...	2.339	+22.682	-3	m	...	...	0.531	-1.093	1.30	50.9056	9.2
...	4.925	-33.818	-3	...	...	...	2.321	+10.767	0.80	50.9046	9.8	...	0.576	-56.533	-1	...	...
...	-4.891	-28.046	-2	...	...	...	-2.276	+26.481	-1	...	...	...	+0.589	-49.255	-5	...	...
...	4.809	+23.786	0.85	50.9041	9.9	...	2.233	+39.366	-4	m	...	...	0.590	-53.760	1.00	51.9079	10.0
...	4.808	+11.552	2.60	50.9040	8.2	...	2.228	+15.822	0.70	...	...	...	0.623	-16.753	-2	...	...
...	4.774	-48.000	1.10	51.9056	9.6	...	2.221	+35.885	-4	Bm	...	...	0.653	-48.974	1.30	51.9080	9.2
...	4.722	+7.275	-2	...	...	...	2.181	+16.313	-3	...	...	...	0.785	-6.173	-5	...	...
68I	-4.665	-51.383	1.00	51.9057	9.8	74I	-2.167	-48.453	0.90	51.9071	9.8	80I	+0.787	+4.431	-5	Mm	...
...	4.644	-8.052	1.10	51.9058	9.6	...	2.107	-2.117	-1	...	...	...	0.793	-24.871	0.70	...	...
...	4.581	+20.701	0.95	50.9042	9.7	S	2.036	+19.468	2.05	50.9048	8.4	...	0.803	-37.288	1.50	51.9081	8.8
...	4.579	+52.195	-4	...	...	...	1.971	-36.199	-3	...	...	...	0.808	-4.606	-3	...	...
...	4.503	-12.220	0.90	51.9059	9.2	...	1.901	-1.105	-3	...	...	...	0.872	+0.898	-4	Mm	...
...	-4.486	+20.652	-4	M	...	...	-1.848	+9.934	1.00	50.9049	9.5	...	+0.927	-30.636	1.00	51.9083	9.8
...	4.452	-19.315	-4	...	...	...	1.704	-13.343	-5	...	...	...	0.942	-12.452	-2	...	...
...	4.435	-51.381	-2	...	...	...	1.627	+29.946	-4	m	...	...	0.961	+20.211	-2	...	...
...	4.409	-12.267	0.95	51.9059	9.2	...	1.621	-49.003	1.00	51.9072	9.6	...	0.979	+45.893	-5	m	...
...	4.370	-1.720	-2	...	...	...	1.589	+54.903	-5	m	...	...	1.025	-55.891	1.90	51.9082	8.8

685, 689. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.					
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.				
811-870						871-930						931-990									
81I	+	1°069	+28°994	-5	Mm	...	87I	+	3°798	+4°558	1°00	50.9065	9°6	93I	+	6°486	-33°667	-3	...	...	
...	...	1°118	-0°532	-4	...	...	...	...	3°820	-6°408	-5	p	...	...	...	6°488	+51°170	1°30	50.9074	9°4	
*	...	1°153	+39°474	1°25	50.9057	8°9	...	...	3°907	+8°572	0°85	...	...	...	...	6°520	-1°175	-5	...	...	
...	...	1°175	+29°457	-4	m	...	...	...	3°920	+4°027	-5	m	...	...	...	6°634	-42°340	-2	...	...	
...	...	1°227	-23°606	0°90	51.9084	9°8	...	...	4°012	-48°530	0°95	51.9094	10°0	...	...	6°643	-5°413	0°90	51.9107	9°8	
*	+	1°264	-27°610	1°00	51.9085	9°8	...	+	4°013	+20°440	1°00	50.9066	9°5	...	+	6°662	-8°397	1°20	51.9108	9°6	
...	...	1°291	-35°701	0°85	51.9086	10°0	...	...	4°035	-5°813	-5	...	...	...	*	6°716	-50°976	1°00	51.9106	9°6	
...	...	1°368	+13°774	-5	m	...	...	...	4°067	-23°981	-4	...	...	...	...	6°737	+26°751	-3	...	...	
...	...	1°379	-53°483	-3	...	...	...	...	4°157	-31°521	-2	...	...	...	...	6°777	+30°700	-3	...	...	
...	...	1°385	-52°457	-5	...	...	...	...	4°160	+2°427	1°05	50.9067	9°5	...	...	6°798	+16°555	-5	m	...	
82I	+	1°389	+38°120	-5	m	...	88I	+	4°186	-4°409	1°00	51.9096	10°0	94I	+	6°845	-41°306	-2	...	...	
...	...	1°407	-23°916	-4	...	...	...	...	4°199	-14°298	0°95	51.9095	10°0	...	...	6°934	+2°385	-3	...	...	
*	...	1°421	+45°706	1°15	50.9058	9°2	...	...	4°350	-8°113	0°95	51.9097	10°0	...	...	6°999	-9°873	-4	...	...	
...	...	1°426	-22°451	-5	...	...	...	...	4°353	-21°500	-3	...	...	...	*	7°018	+1°893	1°30	50.9075	9°6	
...	...	1°481	+37°084	-5	Mm	...	...	...	4°549	-57°279	-4	...	...	...	...	7°078	+58°956	-4	b	...	
...	+	1°503	+19°006	-2	...	...	...	+	4°554	-44°290	0°65	...	...	...	...	+	7°079	-58°848	-5	...	...
...	...	1°551	-6°011	-3	...	...	...	...	4°594	-19°594	1°00	51.9098	9°6	...	...	7°217	-23°792	-5	p	...	
...	...	1°667	+8°983	0°70	m	...	...	...	4°639	-31°786	0°95	51.9099	10°0	...	...	7°256	+43°289	-4	b	...	
...	...	1°708	+12°224	-3	m	...	...	...	4°674	-25°374	0°95	51.9100	10°0	...	...	7°269	-1°984	-4	...	...	
*	...	1°736	+9°114	1°00	50.9059	9°5	...	...	4°747	-29°384	-5	...	...	...	...	7°313	-58°002	-3	...	...	
83I	+	1°853	+48°312	0°95	50.9060	10°1	89I	+	4°779	-52°674	-3	...	...	95I	+	7°323	-26°870	0°80	51.9109	10°2	
...	...	1°930	-33°441	-2	...	...	...	...	4°798	-28°754	-2	...	...	...	...	7°326	+6°865	1°00	50.9076	9°7	
...	...	2°036	+47°822	0°95	50.9061	9°9	...	...	4°815	-18°596	-1	...	...	...	...	7°373	+28°894	-1	...	...	
...	...	2°069	+11°263	-5	m	...	...	...	4°822	-20°623	-3	...	...	...	...	7°385	-21°718	-3	...	...	
...	...	2°089	+4°475	-5	Mm	...	...	...	4°869	-38°500	-3	...	...	...	...	7°460	-20°858	-5	p	...	
...	+	2°094	+28°158	0°85	...	...	...	+	4°958	+32°985	1°00	50.9069	9°7	...	...	+	7°473	-35°125	-4	...	...
...	...	2°108	+24°011	-2	...	...	...	...	4°982	-19°134	-5	...	...	...	...	7°499	-49°534	-5	...	...	
...	...	2°122	+22°146	-5	Mm	...	...	...	5°009	+4°528	1°50	50.9068	9°1	...	...	7°502	-44°173	-5	...	...	
...	...	2°156	-16°953	-3	...	...	...	...	5°012	+0°853	-4	b	...	...	*	7°505	-57°192	1°00	51.9110	9°8	
...	...	2°188	+47°980	-5	m	...	...	...	5°166	-14°865	-4	...	...	...	*	7°526	+33°947	1°30	50.9077	9°3	
84I	+	2°221	-51°758	1°00	51.9087	10°0	90I	+	5°171	+39°430	-5	m	...	96I	+	7°548	-54°255	-4	...	...	
...	...	2°272	-2°535	-5	...	...	...	...	5°203	+6°894	-2	...	...	...	...	7°556	-41°752	0°95	51.9111	10°0	
...	...	2°313	+3°734	-5	Mm	...	...	...	5°273	-12°208	1°80	51.9101	8°8	...	...	7°590	-41°916	-5	...	...	
...	...	2°425	+46°455	0°75	...	...	...	...	5°453	+41°459	1°00	50.9070	9°8	...	...	7°665	+38°900	-5	m	...	
*	...	2°546	-57°447	1°20	51.9088	9°6	...	...	5°537	-21°397	1°00	51.9102	9°6	...	...	7°728	-8°128	-3	...	...	
*	+	2°613	+2°665	1°00	50.9062	9°6	...	+	5°557	-10°550	-5	...	...	...	+	7°951	-11°574	-2	...	...	
*	...	2°677	+23°230	1°35	50.9063	9°0	...	...	5°593	-54°571	-4	...	...	...	...	7°969	-36°846	0°65	...	...	
...	...	2°750	+7°518	-3	b	...	...	...	5°628	-14°680	1°10	51.9103	9°6	...	*	8°055	+4°300	2°10	50.9078	8°7	
...	...	2°856	+1°721	-5	m	...	...	...	5°656	-11°816	-4	...	...	...	...	8°147	-56°775	0°85	...	...	
...	...	2°872	-21°125	0°90	51.9089	10°2	...	...	5°675	-33°550	-5	...	...	...	...	8°199	+20°198	-4	...	...	
85I	+	2°888	+0°738	0°75	50.9064	10°1	91I	+	5°713	-4°373	-2	...	...	97I	+	8°245	-25°100	-2	51.9112	10°2	
a	...	2°962	-38°207	0°80	51.9090	10°2	...	...	5°756	-16°334	-5	p	...	...	*	8°351	+55°466	1°10	50.9079	9°7	
*	...	3°051	-16°041	1°00	51.9091	9°6	...	...	5°777	+30°130	-5	...	...	...	...	8°372	+2°073	-5	m	...	
...	...	3°086	-10°772	-4	...	...	...	...	5°795	-18°582	-3	...	...	...	...	...	8°382	-55°521	-4	...	...
...	...	3°170	+4°688	-5	m	...	a *	...	5°871	+0°531	1°40	50.9071	9°2	...	...	...	8°494	+6°385	-4	m	...
...	+	3°184	+3°099	-3	b	...	...	+	5°884	-0°870	-4	...	...	...	...	+	8°580	+26°064	-5	m	...
*	...	3°410	-44°765	1°00	51.9092	9°6	...	...	5°963	+26°901	-3	...	...	...	...	...	8°602	+57°248	-5	m	...
...	...	3°480	-21°078	-5	p	...	...	...	5°990	+18°605	-4	m	...	...	...	...	8°630	-52°365	-3	...	...
...	...	3°485	+27°051	0°70	...	...	...	...	5°991	+29°003	2°50	50.9072	8°2	...	...	...	8°638	+43°854	-3	...	...
...	...	3°568	-29°282	-5	...	...	...	...	6°059	-47°680	-5	...	...	...	...	...	8°650	-29°520	-2	...	...
86I	+	3°588	-5°797	-5	p	...	92I	+	6°062	+47°017	-2	...	...	98I	+	8°717	-44°570	-5	...	...	
...	...	3°613	-19°734	-5	...	...	...	...	6°064	-13°187	-5	p	...	...	...	...	8°742	-0°926	-3	...	...
...	...	3°623	-55°398	0°65	...	...	*	...	6°073	+25°565	1°30	50.9073	9°4	...	...	...	8°849	-4°566	-4	...	...
...	...	3°646	-4°777	-2	...	...	...	...	6°101	-37°756	-2	...	...	...	...	...	8°870	-11°641	-4	...	...
...	...	3°674	-50°552	-5	...	...	...	...	6°115	-52°067	-3	...	...	...	...	...	8°897	-32°970	-4	...	...
...	+	3°682	+38°154	-5	m	...	...	+	6°189	+5°918	-5	m	...	...	...	+	8°969	+15°864	-5	m	...
...	...	3°685	-41°814	-5	...	...	...	...	6°229	-9°431	-1	51.9104	10°2	...	*	8°978	-37°311	1°00	51.9114	9°8	
...	...	3°691	-3°707	-4	...	...	...	...	6°333	-40°983	0°65	...	...	...	...	...	9°006	-33°633	-5	...	...
S *	...	3°734	-38°971	2°20	51.9093	8°4	...	...	6°406	-15°910	-5	...	...	...	...	...	9°026	-32°073	-4	...	...
...	...	3°746	+17°692	-5	m	...	*	...	6°416	-48°591	1°00	51.9105	9°6	...	...	...	9°029	+55°061	-1	50.9080	9°8

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.			
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.		
991-1050						1051-1110						1111-1170							
991I	+	9'242	+22'870	-3	...	1051I	+	12'043	+2'339	-3	...	1111I	+	14'772	-30'691	0'90	51.9136		
*	9'333	-28'892	1'00	51.9115	9.8	...	12'130	-6'493	-5	...	...	...	14'909	+19'050	-5	m	...		
...	9'364	+26'259	-4	m	...	...	12'134	+30'126	-5	m	...	...	14'945	+56'437	0'90	49.9055	10.0		
...	9'411	-52'401	-4	...	...	...	12'151	+40'907	-5	m	...	...	14'989	-36'904	-3	...	...		
...	9'442	-8'373	-5	...	...	n	12'177	+1'805	0'95	50.9090	9.6	...	15'044	+43'112	-2	...	...		
+	9'459	-4'756	-5	...	...	...	12'222	+2'767	-5	m	...	...	15'049	-17'533	-1	...	...		
...	9'475	-14'749	0'95	51.9116	9.8	...	12'240	-57'246	-5	...	...	...	15'053	+17'228	-4	...	...		
...	9'499	-41'669	-4	...	...	...	12'272	+28'221	-4	m	...	...	15'166	-48'408	-1	...	...		
...	9'533	+33'001	-4	...	...	...	12'283	-18'120	-2	...	...	...	15'209	+29'071	0'80	...	...		
...	9'557	+33'075	-3	...	...	...	12'288	+33'588	-2	...	...	...	15'242	-3'649	-3	...	...		
1001I	+	9'610	-37'128	-3	...	1061I	+	12'309	+30'298	-2	...	1121I	+	15'332	+21'840	-4	...	...	
*	9'614	-14'234	1'40	51.9117	9.2	*	12'345	-3'728	2'00	50.9089	8.8	...	15'374	-41'926	-5	...	...		
...	9'672	-38'287	-3	...	...	...	12'346	-40'072	-3	...	...	...	15'450	-32'887	0'70	...	...		
†	9'681	-51'672	-3	...	...	...	12'354	-22'424	1'00	51.9126	9.8	*	15'589	-0'278	1'20	50.9098	9.4		
...	9'696	-0'448	-5	...	...	...	12'354	+7'510	-5	m	...	...	15'637	+36'816	-5	m	...		
+	9'704	+15'127	-5	m	...	...	12'363	+44'495	-5	m	...	...	15'699	+53'152	-3	...	...		
...	9'816	-55'504	-1	...	...	...	12'367	+45'459	0'90	50.9091	10.1	...	15'724	+14'115	-4	m	...		
...	9'913	+24'254	-5	...	...	*	12'396	+20'562	1'10	50.9092	9.5	...	15'764	+14'431	-4	m	...		
...	9'977	-0'761	-5	p	...	n *	12'402	+1'642	1'00	50.9090	9.6	*	15'856	+41'509	1'10	50.9099	9.7		
...	10'017	-55'226	-2	...	...	...	12'537	+24'258	-2	...	...	...	15'857	-22'942	-5	...	...		
1011I	+	10'050	-51'554	1'25	51.9119	9.0	1071I	+	12'648	-35'606	-5	...	1131I	+	15'866	-57'836	-4	...	...
*	10'078	+21'132	0'75	50.9081	10.1	...	12'684	+28'662	0'75	...	...	...	15'867	+8'947	-2	...	...		
...	10'089	+31'805	-5	...	...	...	12'708	+53'050	-5	m	...	...	15'914	+40'382	-1	...	...		
...	10'169	-18'277	-5	...	...	...	12'718	+21'589	-4	...	...	...	15'922	-53'820	-5	...	...		
...	10'336	+39'114	1'00	50.9082	9.8	...	12'729	+29'267	-2	...	...	...	15'994	+24'030	-4	...	...		
+	10'352	-1'901	0'90	50.9083	10.1	...	12'785	-7'121	-5	...	...	...	16'021	-23'191	-2	...	...		
...	10'355	+20'916	-5	m	...	...	12'796	-48'794	0'70	...	...	...	16'065	+26'653	-4	...	...		
...	10'453	-56'032	1'00	51.9120	10.2	...	12'917	-14'763	-2	...	...	...	16'074	+11'387	-5	...	...		
...	10'458	+27'842	-2	...	...	*	13'062	+49'009	1'15	50.9093	9.4	...	16'081	+12'653	-5	m	...		
...	10'563	+0'385	-5	m	...	*	13'066	-25'474	1'00	51.9127	9.6	...	16'174	+52'449	0'90	50.9100	10.1		
1021I	+	10'584	-56'477	-2	...	1081I	+	13'076	+1'533	-5	m	...	1141I	+	16'205	+38'113	-5	...	...
...	10'691	+17'301	-5	m	...	...	13'142	+41'037	1'00	50.9094	9.9	*	16'294	+41'318	1'20	50.9101	9.7		
...	10'701	-32'769	-5	p	...	...	13'166	-14'261	-2	...	...	...	16'365	-10'740	-4	...	...		
...	10'735	-52'023	-5	...	...	...	13'270	-22'675	-5	...	...	...	16'405	-38'667	-5	...	...		
*	10'805	+26'933	1'35	50.9084	9.2	...	13'427	+1'369	-1	50.9096	10.1	...	16'407	+19'547	-4	m	...		
+	10'849	-3'766	0'90	50.9085	9.7	...	13'437	-22'787	0'85	51.9128	10.0	...	16'408	-47'546	-5	...	...		
*	10'865	-55'639	1'10	51.9121	9.6	...	13'475	+48'083	1'00	50.9095	9.9	...	16'456	-0'938	-3	...	...		
...	10'875	-51'380	-1	...	...	*	13'487	-8'601	1'25	51.9129	9.1	...	16'481	-32'856	-1	...	...		
...	10'903	+40'449	1'00	50.9086	9.7	...	13'496	+41'993	0'75	...	...	...	16'502	+26'734	0'85	50.9102	9.9		
...	10'905	-14'322	-5	...	...	...	13'508	-40'793	-5	...	...	...	16'619	-29'391	0'90	51.9138	10.0		
1031I	+	11'001	-33'224	2'00	51.9122	8.6	1091I	+	13'525	+11'170	-3	...	1151I	+	16'620	-47'265	-1	...	...
*	11'075	+31'765	0'85	...	...	...	13'532	-4'774	1'00	51.9131	10.0	...	16'634	-55'199	-5	...	...		
...	11'115	+37'704	0'80	50.9087	10.1	...	13'588	+8'986	-5	m	...	†	16'637	+24'806	-4	...	...		
...	11'141	-40'966	0'70	...	...	*	13'604	-16'918	1'00	51.9132	9.6	...	16'643	-14'942	-4	...	...		
...	11'149	+24'189	-5	...	...	...	13'674	-27'045	0'65	...	...	...	16'671	+19'562	0'90	50.9103	9.8		
+	11'246	+25'974	-5	m	...	*	13'681	-56'461	1'15	51.9133	9.6	...	16'681	-9'257	-5	...	...		
...	11'257	-4'635	-3	...	...	...	13'710	-40'558	-2	...	...	*	16'700	+44'618	1'40	50.9104	9.2		
...	11'340	-18'021	-2	51.9123	10.2	...	13'842	+41'210	-5	m	...	...	16'728	+25'655	-3	...	...		
...	11'397	-43'118	-5	...	...	...	13'920	-8'837	-3	...	...	...	16'745	+46'948	-4	b	...		
...	11'428	+8'820	-5	m	...	...	14'141	-40'742	-5	...	...	...	16'762	+22'579	-3	...	...		
1041I	+	11'499	-52'656	-5	...	1101I	+	14'289	+44'336	-5	m	...	1161I	+	16'779	-8'817	-4	...	...
...	11'567	-11'458	-3	...	...	...	14'390	+43'712	-3	b	...	...	16'787	-21'696	-1	...	...		
...	11'605	-33'461	-5	...	...	...	14'392	-39'068	-3	...	...	...	16'838	-20'182	-4	...	...		
*	11'631	-48'128	1'80	51.9124	8.8	...	14'410	-45'982	-2	...	...	...	16'905	-27'247	-5	...	...		
...	11'681	-8'202	-5	...	...	...	14'451	+45'996	-2	...	...	...	16'943	-54'639	-2	...	...		
+	11'741	-5'883	-5	...	...	...	14'456	-26'398	-5	...	...	...	16'945	+47'002	-3	...	...		
*	11'802	-57'944	1'20	51.9125	9.6	*	14'471	-49'504	1'00	51.9134	9.8	...	16'948	+33'048	-1	...	...		
*	11'912	+16'097	1'40	50.9088	9.1	†	14'501	-50'019	-2	51.9135	9.8	...	16'957	-38'934	-5	...	...		
...	12'027	+6'482	-5	m	...	†	14'638	-50'013	-2	...	...	...	17'003	+21'023	0'85	50.9105	9.6		
...	12'029	+27'947	-5	m	...	†	14'734	+48'004	0'95	50.9097	10.1	*	17'056	+20'949	1'00	...	...		

1055, 1069. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
1171-1230						1231-1290						1291-1350					
II7I	+17°074	-23°038	0.85	51.9I39	10.2	I23I	+19°340	+53°328	-3	...	...	I29I	+22°006	+49°260	1.05	50.9I22	9.6
...	17°077	-14°042	-5	...	...	...	19°376	-47°997	-4	<i>p</i>	...	...	22°135	+24°614	-2	...	...
...	17°111	-12°455	-4	...	...	...	19°377	+35°609	-4	...	...	...	22°157	+30°019	0.75	50.9I23	10.1
*	17°124	-41°185	1.00	51.9I40	9.8	...	19°387	-46°071	-3	...	...	...	22°170	+13°092	1.00	50.9I24	10.1
...	17°131	-42°460	0.80	...	...	...	19°422	-6°499	0.80	...	...	...	22°170	-25°032	1.00	51.9I54	9.6
*	+17°201	+15°529	0.90	50.9I06	9.7	...	+19°433	-18°273	-3	...	...	...	+22°266	-33°519	2.00	51.9I55	8.8
...	17°204	+24°051	0.80	...	...	...	19°442	+30°256	-3	...	...	...	22°273	+7°826	-3	...	...
...	17°215	-5°491	-1	...	...	*	19°443	-14°011	1.00	51.9I46	9.6	...	22°328	+8°273	-2	<i>b</i>	...
...	17°275	-25°389	-5	...	...	...	19°445	+7°036	0.90	50.9I16	10.1	...	22°375	+33°967	0.75	...	...
*	17°290	-44°152	1.10	51.9I41	9.6	...	19°517	-17°372	-3	...	...	*	22°404	-54°379	1.10	51.9I56	9.6
II8I	+17°341	-51°438	0.75	...	...	I24I	+19°581	-47°676	-1	...	...	I30I	+22°496	+10°855	0.85	...	...
*	17°430	+14°156	1.80	50.9I07	8.8	...	19°687	+52°447	-4	...	...	...	22°497	-11°728	-5	...	...
...	17°473	+48°875	-4	<i>b</i>	...	...	19°747	-1°422	-5	...	...	...	22°590	+39°712	1.30	50.9I25	9.1
*	17°553	-18°981	1.00	51.9I42	9.6	...	19°753	+15°888	1.30	50.9I18	9.5	...	22°596	-46°041	1.00	51.9I58	9.8
...	17°561	-22°087	-5	...	...	...	19°761	-56°197	2.00	51.9I47	9.0	...	22°626	-11°937	-5	...	...
*	+17°599	+5°866	1.10	50.9I08	9.5	...	+19°817	-53°530	-5	...	...	...	+22°682	+30°329	-5	<i>m</i>	...
...	17°637	+25°195	-5	<i>m</i>	...	...	19°843	+18°633	-5	...	...	...	22°683	+35°294	-3	...	...
...	17°648	+24°061	0.75	...	...	...	19°843	-12°597	-5	...	...	...	22°832	-57°270	-1	51.9I59	10.0
†	17°674	-40°022	0.90	51.9I43	10.0	...	19°918	+54°412	-1	50.9I17	10.1	...	22°987	+10°076	-4	<i>m</i>	...
...	17°773	-42°049	-4	...	...	...	19°983	-1°814	0.90	...	...	...	23°005	+31°994	-2	...	...
II9I	+17°851	-24°737	-2	...	...	I25I	+20°137	+20°680	-2	...	...	I31I	+23°086	-3°314	-2	...	...
...	17°861	-3°590	-3	...	...	...	20°267	+33°848	-5	<i>m</i>	...	...	23°162	-26°262	-5	<i>p</i>	...
...	17°877	-28°928	-3	...	...	...	20°333	+25°267	-5	<i>m</i>	...	*	23°181	-52°093	1.00	51.9I60	10.0
...	17°920	+12°300	-3	...	...	*	20°348	-32°468	1.00	51.9I48	9.6	*	23°204	+47°904	1.00	50.9I26	9.7
...	17°996	+23°888	-3	<i>a</i>	...	...	20°554	+56°195	-2	...	...	*	23°207	+47°669	1.15	50.9I27	9.6
*	+18°033	+16°149	1.80	50.9I09	8.9	...	+20°573	-18°557	0.95	51.9I49	10.0	†	+23°332	+44°798	-5	...	...
*	18°060	+25°088	1.00	50.9I10	9.8	...	20°583	-50°920	-5	...	...	...	23°334	-18°108	-5	<i>p</i>	...
...	18°066	-22°416	-3	...	...	...	20°586	-34°161	-3	...	...	...	23°420	+14°167	-5	<i>m</i>	...
*	18°157	+14°164	1.30	50.9III	9.4	...	20°704	+2°350	0.90	50.9I19	10.1	...	23°544	-26°499	-5	...	...
...	18°158	+56°838	-5	<i>m</i>	...	...	20°761	+1°871	0.90	...	...	...	23°598	+53°683	-2	...	...
I20I	+18°206	-56°987	-3	...	...	I26I	+20°924	-22°405	0.80	...	...	I32I	+23°603	-2°697	-5	...	...
...	18°216	-31°427	-4	...	...	...	21°003	+20°755	-4	...	...	...	23°608	+35°963	0.85	...	...
...	18°249	-12°730	-2	...	...	...	21°059	+52°711	-3	...	...	...	23°688	-26°986	-2	...	...
...	18°265	+58°701	-5	<i>m</i>	...	...	21°116	+0°787	-5	<i>m</i>	...	...	23°751	+48°694	-5	<i>m</i>	...
...	18°327	+27°514	-4	<i>m</i>	...	...	21°288	-35°606	-5	<i>p</i>	...	...	23°783	+28°322	-5	...	...
...	+18°336	-32°679	-4	...	...	...	+21°289	+6°398	-5	<i>m</i>	...	...	+23°829	+36°737	-3	...	...
...	18°359	-26°609	-3	...	...	...	21°331	-6°113	-5	<i>p</i>	...	*	23°862	-21°076	1.15	51.9I61	9.2
...	18°378	+16°997	-4	<i>m</i>	...	...	21°361	+0°430	-3	<i>c</i>	...	...	23°961	-35°465	-3	...	...
...	18°474	-49°476	0.85	...	...	...	21°362	+1°368	-5	<i>m</i>	...	...	24°032	+38°331	-5	<i>m</i>	...
*	18°543	+34°496	1.50	50.9I12	8.9	...	21°378	+37°536	-5	<i>m</i>	...	...	24°045	-31°693	-5	...	...
I22I	+18°548	-9°363	0.95	51.9I44	9.8	I27I	+21°382	-9°754	-5	...	...	I33I	+24°055	-38°557	-3	...	...
...	18°582	+52°863	-5	<i>m</i>	...	...	21°393	+22°379	-5	<i>m</i>	...	...	24°072	+12°351	-3	...	...
...	18°593	-16°454	-4	...	...	...	21°394	+33°035	0.90	50.9I20	9.9	...	24°127	+20°349	-5	<i>m</i>	...
...	18°656	+29°237	-4	<i>m</i>	...	...	21°423	-50°987	-5	<i>p</i>	...	*	24°140	+9°686	1.20	50.9I28	9.2
...	18°684	+0°094	-3	<i>β</i>	...	...	21°456	+13°880	-5	<i>m</i>	...	...	24°149	-34°628	0.80	...	...
...	+18°703	+7°526	-5	<i>m</i>	...	...	+21°465	+50°698	-5	<i>m</i>	...	*	+24°212	-28°671	1.00	51.9I62	9.6
...	18°749	-27°579	-4	...	...	...	21°486	-10°565	-3	...	...	...	24°239	+44°348	-3	...	...
...	18°781	+54°582	0.90	50.9I13	10.1	...	21°494	-46°256	1.00	51.9I52	9.8	...	24°257	+42°452	-2	...	...
...	18°833	-25°080	-4	...	...	...	21°531	-18°599	-5	...	...	...	24°275	+28°981	-3	...	...
...	18°973	-32°037	0.65	...	...	...	21°544	+11°176	-5	<i>m</i>	...	...	24°293	+12°948	-1	...	...
I22I	+18°994	+29°374	-2	...	...	I28I	+21°599	+41°647	1.00	50.9I21	9.7	I34I	+24°296	-35°388	-5	...	...
...	19°098	-3°881	-2	...	...	*	21°619	-4°920	-3	...	...	...	24°378	-52°322	-5	...	...
...	19°159	+28°485	-2	...	...	...	21°627	-57°459	-3	...	...	...	24°506	+33°344	0.85	...	...
...	19°167	+37°097	-5	<i>m</i>	...	...	21°658	-8°638	-5	<i>p</i>	...	...	24°555	+14°474	-2	...	...
...	19°186	+15°803	-4	<i>m</i>	...	...	21°701	-58°075	-5	...	...	...	24°561	+21°290	0.85	...	...
...	+19°195	-57°687	-4	...	...	...	+21°706	-45°985	1.00	51.9I53	9.8	...	+24°575	+26°491	0.90	50.9I29	10.1
...	19°221	-34°716	0.95	51.9I45	9.8	...	21°770	+46°361	-5	<i>m</i>	...	...	24°649	+40°929	-3	...	...
...	19°232	-5°140	-4	...	...	...	21°786	-58°259	-5	...	...	†	24°712	-33°528	-3	...	...
...	19°284	+15°930	0.90	50.9I15	9.9	...	21°891	-2°632	-5	...	...	†	24°713	-54°102	-4	...	...
*	19°310	+2°276	1.20	50.9I14	9.5	...	21°947	+34°443	-5	<i>m</i>	...	†	24°756	-1°946	-3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1351-1410						1411-1470						1471-1530					
135I	+24'845	-5'622	0·80	...	...	141I	+27'113	+0'646	-4	m	...	147I	+29'070	-58'369	0·90	51·9I75	10·2
*	24'848	-11'730	1·00	51·9I63	9·6	...	27'117	-19'005	-4	...	...	...	29'074	-39'973	-5	p	...
...	24'875	-46'943	-5	...	...	...	27'121	-47'203	-3	...	...	...	29'110	-43'546	-3	...	...
...	24'911	+2'811	-3	...	...	...	27'132	-48'597	-4	...	...	...	29'173	+26'027	-5	m	...
...	24'915	-43'154	-5	...	...	...	27'194	+2'995	-5	m	...	...	29'205	-34'116	-5	...	...
...	+25'025	+38'834	-1	...	...	...	+27'207	-46'200	-2	...	...	...	+29'277	-10'417	-2	...	...
...	25'072	+37'833	-5	m	...	...	27'240	-22'648	-3	...	...	...	29'281	+6'368	-3	b	...
...	25'119	-36'203	-4	...	...	...	27'258	-36'442	-5	...	...	...	29'289	+14'039	-5	m	...
...	25'198	+9'466	-4	m	...	...	27'335	+24'517	-3	...	...	...	29'296	-12'243	0·70	...	...
...	25'248	-39'285	-1	...	...	...	27'378	-39'206	-2	...	...	*	29'302	+7'366	1·00	50·9I40	9·8
136I	+25'339	-17'003	-4	...	...	142I	+27'392	+53'160	0·90	50·9I32	10·0	148I	+29'309	+41'083	-1	...	...
...	25'379	+49'343	0·90	50·9I30	10·1	*	27'408	+48'603	1·10	50·9I33	9·5	...	29'342	-32'530	-1	...	...
...	25'396	+5'719	-4	m	...	...	27'498	+0'770	-5	m	...	...	29'350	+34'694	-5	m	...
...	25'405	+9'235	-5	m	...	...	27'523	+53'076	-3	b	...	...	29'350	+21'880	-3	...	...
...	25'425	-13'810	-3	...	...	...	27'526	+0'409	0·90	...	...	*	29'378	-53'567	1·00	51·9I76	9·8
...	+25'427	+37'166	-3	...	...	...	+27'602	-17'842	-3	...	...	...	+29'490	-54'027	-2	51·9I79	10·2
...	25'549	+56'318	-4	...	...	...	27'605	-43'179	-5	...	...	...	29'545	+57'259	-5	m	...
*	25'558	-13'704	1·10	51·9I64	9·6	*	27'630	+17'070	1·20	50·9I34	9·3	...	29'545	+22'112	0·80	50·9I42	10·1
...	25'592	-39'869	-5	p	...	...	27'645	-45'488	-5	...	...	†	29'547	-25'089	-1	...	...
...	25'655	-15'511	-3	...	...	*	27'664	-46'673	1·40	51·9I70	9·2	...	29'549	+29'108	-2	...	...
137I	+25'667	-43'263	-5	...	...	143I	+27'685	-47'254	-4	...	...	149I	+29'582	-13'955	0·85	51·9I78	10·0
...	25'722	+27'660	-2	50·9I31	10·1	...	27'696	+15'089	-4	m	...	...	29'599	+19'511	-4	m	...
*	25'783	-27'343	1·00	51·9I65	9·6	*	27'763	+4'456	1·40	51·9I71	9·2	...	29'600	-16'599	-5	p	...
...	25'817	+42'382	-4	a	...	...	27'784	-3'036	-4	...	...	†	29'612	+4'850	-4	m	...
...	25'843	+30'793	-2	...	...	...	27'825	-48'337	-3	...	...	...	29'623	-41'579	-2	...	...
...	+25'871	-18'754	-2	...	...	...	+27'861	+13'305	-3	...	...	*	+29'626	+38'473	1·90	50·9I41	8·8
...	25'888	-23'034	-3	...	...	...	27'935	-19'196	-4	...	...	...	29'641	+57'437	-1	49·9086	10·1
...	25'904	+41'559	-1	...	...	...	27'936	+30'116	-2	...	...	†	29'780	-43'307	1·20	51·9I80	9·2
...	25'981	+6'423	-1	...	...	...	27'951	-45'775	-5	...	...	...	29'863	+22'671	0·85	50·9I43	10·1
...	25'999	+41'685	-5	m	...	...	27'967	+26'084	-3	...	...	...	29'896	+16'933	0·80	50·9I44	10·1
138I	+26'008	+35'059	-4	b	...	144I	+28'065	+36'992	0·90	50·9I35	10·1	150I	+29'896	+16'656	-3	...	...
...	26'067	-49'235	-2	...	...	*	28'084	+26'038	0·95	50·9I36	9·8	...	29'896	+9'264	-5	m	...
...	26'099	-21'096	-2	...	...	...	28'096	-14'157	-5	...	...	...	29'948	-25'321	-3	...	...
...	26'138	-34'069	-5	p	...	...	28'112	-26'583	-1	...	...	...	29'986	+8'325	-5	m	...
...	26'145	+0'085	-5	m	...	...	28'151	-39'473	-4	...	...	...	30'023	+13'155	0·90	50·9I46	10·1
...	+26'167	-2'067	-4	...	...	*	+28'209	+31'633	1·00	50·9I37	9·8	...	+30'050	-44'838	-5	...	...
...	26'220	+10'737	-1	...	...	...	28'259	-18'840	0·70	...	...	*	30'053	+35'562	1·30	50·9I45	9·2
...	26'224	-34'305	-5	p	...	...	28'289	-8'174	-5	...	...	...	30'053	-42'828	1·00	51·9I81	9·8
...	26'241	-55'914	-5	...	...	...	28'396	+7'203	-3	...	...	...	30'111	-50'445	-3	...	...
*	26'285	-44'128	1·00	51·9I67	9·8	...	28'418	+17'291	-3	...	...	...	30'176	+37'285	-4	...	...
139I	+26'412	+12'974	-4	m	...	145I	+28'418	-9'363	-5	p	...	151I	+30'248	-9'716	-5	...	...
...	26'471	+25'156	-2	...	...	*	28'447	-34'350	1·10	51·9I72	9·4	...	30'258	-32'525	-4	...	...
...	26'501	+8'884	-3	b	...	...	28'469	+12'355	-5	m	...	...	30'274	+43'318	-5	m	...
...	26'548	-36'303	0·90	51·9I68	10·0	...	28'550	-1'326	-4	...	...	...	30'295	-35'210	-5	p	...
...	26'549	+36'135	-4	...	...	...	28'599	-55'222	-3	...	...	...	30'325	+59'422	-5	...	...
...	+26'558	+26'849	-4	m	...	...	+28'639	+37'583	-4	m	...	...	+30'344	+3'470	0·85	50·9I48	10·0
...	26'649	+30'650	-1	...	...	...	28'652	+26'038	-4	...	...	*	30'351	+2'431	1·00	50·9I49	9·7
...	26'654	+21'136	-5	m	...	...	28'663	-2'900	-3	...	...	†	30'429	-20'035	-5	...	...
...	26'707	+40'526	-2	...	...	...	28'737	-33'544	-5	p	...	...	30'432	+33'263	1·00	50·9I47	9·7
...	26'719	+7'030	-5	m	...	...	28'782	-45'642	-1	...	...	...	30'462	-33'025	-5	...	...
140I	+26'777	-1'616	-5	...	...	146I	+28'793	+5'633	1·00	50·9I39	9·7	152I	+30'467	-1'399	0·75	...	...
...	26'777	-19'955	-4	...	...	*	28'872	-40'896	-2	...	...	...	30'479	-52'531	-3	...	...
...	26'817	-22'173	0·70	...	...	...	28'886	-11'235	0·90	51·9I73	10·2	†	30'489	-49'877	1·00	51·9I83	9·6
...	26'895	-44'099	-3	...	...	...	28'896	+29'729	-3	...	...	...	30'531	-37'924	-2	...	...
...	26'902	+34'723	-4	...	...	...	28'900	+11'399	-3	...	...	...	30'560	-32'498	0·90	...	...
...	+26'958	-36'380	-5	...	...	...	+28'927	-17'543	-4	...	...	...	+30'603	+12'961	-5	...	...
...	26'982	+39'481	-4	b	...	...	28'943	-58'620	-5	p	...	...	30'607	-11'830	0·90	51·9I82	10·0
...	26'995	-44'540	-4	...	...	...	28'954	-47'390	-2	...	...	...	30'610	-8'227	-3	...	...
...	27'037	-56'571	0·90	51·9I69	10·2	...	29'047	-47'211	-2	51·9I74	10·2	...	30'621	-13'085	-5	...	...
...	27'069	+6'671	-2	...	...	...	29'067	+54'241	0·90	50·9I38	10·1	...	30'666	+17'970	-4	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1531-1590						1591-1650						1651-1710					
I53I	+30.669	-11.897	-3	...	...	I59I	+33.040	-0.170	-5	p	...	I65I	+35.783	-1.391	1.60	50.9160	9.0
...	30.671	+43.668	-5	m	...	...	33.151	+14.086	1.40	50.9153	8.9	...	35.865	-44.973	-4	...	...
...	30.721	-36.333	0.75	...	...	...	33.152	-12.916	-5	...	...	...	35.911	+0.278	0.80	50.9161	10.1
...	30.771	-4.175	-5	...	...	...	33.162	-20.810	-5	p	...	...	35.969	+46.261	0.80	...	...
...	30.781	-18.411	-4	...	...	...	33.179	-30.803	-5	...	...	...	36.085	-55.905	-1	...	...
†	+30.814	+29.779	-3	...	...	...	+33.224	-46.907	-5	...	...	...	+36.101	+24.290	1.00	50.9162	9.8
...	30.816	-36.045	0.65	...	...	...	33.314	-22.673	-4	...	...	...	36.112	-28.757	-5	p	...
...	30.818	+42.753	-2	...	...	...	33.352	-40.672	-3	...	...	...	36.142	+32.402	-1	...	...
...	30.861	-46.922	-5	...	...	...	33.420	+19.227	0.75	...	...	...	36.168	-32.198	-5	...	...
...	30.950	-28.257	-5	p	...	...	33.473	-1.082	-4	...	...	...	36.219	-4.148	-2	...	...
I54I	+31.066	-32.416	-5	...	...	I60I	+33.576	+43.995	-5	...	...	I66I	+36.233	-24.006	0.90	51.9195	10.0
...	31.166	+33.147	-4	m	...	...	33.682	+21.537	-5	...	...	...	36.245	-31.794	-3	...	...
...	31.215	+35.437	-1	...	...	...	33.724	+0.339	-3	b	...	...	36.482	-52.991	-2	...	...
...	31.223	-16.948	-4	...	...	...	33.740	-18.156	-3	...	...	...	36.531	-56.444	-1	...	...
...	31.251	-19.699	-5	...	...	...	33.746	-5.806	0.85	51.9189	10.2	...	36.540	+21.074	1.00	50.9163	9.7
...	+31.352	+58.250	-5	...	...	...	+33.756	+10.064	-5	m	...	...	+36.550	+22.876	1.70	50.9164	9.0
...	31.387	-6.267	0.85	...	...	...	33.826	+31.938	-3	b	...	...	36.553	+17.213	-4	...	...
...	31.399	-42.254	-5	p	...	...	33.826	-35.623	-5	...	...	...	36.646	+25.930	-5	m	...
...	31.401	+27.127	-4	...	...	...	33.891	+12.503	0.95	50.9154	10.1	...	36.690	+43.129	-3	...	...
*	31.405	-33.790	1.00	51.9184	9.8	...	33.904	+46.261	-5	m	...	...	36.691	-36.771	-4	...	...
I55I	+31.414	+48.065	-5	m	...	I61I	+33.919	+32.586	-5	m	...	I67I	+36.824	+59.048	-3	...	...
...	31.419	+7.813	-5	m	...	...	33.929	-2.123	-3	...	...	...	36.865	-15.841	0.90	51.9196	10.0
...	31.425	-40.610	-4	...	...	...	34.026	+25.222	1.00	50.9155	10.1	...	36.920	-58.944	-1	...	...
...	31.456	-56.151	-5	...	...	...	34.110	-10.408	-5	p	...	...	36.926	+15.096	1.00	50.9165	9.6
...	31.468	+43.963	0.95	...	...	...	34.151	+7.522	-5	m	...	...	36.957	+4.770	0.90	50.9167	10.0
...	+31.499	-37.127	-5	...	...	...	+34.209	-30.917	-5	p	...	...	+37.000	+17.313	0.80	50.9166	10.0
...	31.611	+6.124	-4	m	...	...	34.231	+6.337	-5	m	...	...	37.008	-54.802	0.80	51.9197	10.2
...	31.704	+57.954	1.05	49.9090	10.0	...	34.232	-7.091	0.75	...	...	...	37.083	+18.892	0.90	50.9168	9.8
...	31.769	+17.433	-4	m	...	...	34.315	-49.727	-3	...	...	...	37.226	+7.878	0.85	50.9170	9.9
...	31.807	-4.811	-2	...	...	...	34.345	-11.915	0.95	51.9190	9.8	...	37.266	+32.612	-5	m	...
I56I	+31.822	-40.430	1.00	51.9185	10.0	I62I	+34.396	+44.036	0.90	50.9156	10.1	I68I	+37.304	+22.120	-5	m	...
...	32.002	-56.196	-5	...	...	...	34.431	-42.008	-5	p	...	...	37.421	-39.318	-5	p	...
...	32.043	-18.045	-4	...	...	...	34.449	-43.281	-5	...	...	...	37.433	-48.959	-5	p	...
...	32.075	-57.327	-5	...	...	...	34.484	+22.101	0.90	...	...	...	37.472	+36.411	1.20	50.9169	9.2
...	32.115	-8.629	0.70	...	...	...	34.506	-15.583	-3	...	...	...	37.477	-54.711	-5	p	...
...	+32.139	+32.478	-2	...	...	...	+34.510	-21.878	-3	...	...	...	+37.480	+16.363	-3	...	...
...	32.153	-27.972	0.95	51.9186	10.2	...	34.555	-13.114	1.00	51.9191	9.6	...	37.480	+16.109	0.80	50.9171	9.9
...	32.197	-47.571	-1	51.9187	10.2	...	34.634	+38.747	0.80	50.9157	10.1	...	37.554	-29.662	-2	...	...
...	32.308	+4.267	0.80	50.9151	10.1	...	34.641	-1.920	0.95	50.9158	10.0	...	37.584	-7.727	0.75	...	...
...	32.312	-34.019	-5	...	...	...	34.651	-27.719	0.85	51.9192	9.8	...	37.724	+7.852	-4	m	...
I57I	+32.325	+36.692	-1	...	...	I63I	+34.750	-28.017	-3	...	...	I69I	+37.752	+44.839	-4	...	...
...	32.421	+19.149	-5	...	...	...	34.776	-31.412	1.40	51.9193	9.2	...	37.789	+14.331	-5	m	...
...	32.422	+32.089	-3	...	...	...	34.816	-18.797	-4	...	...	...	37.789	-41.025	-4	...	...
...	32.426	-8.133	-3	...	...	...	34.839	+5.052	-4	m	...	...	37.802	+38.987	-2	...	...
...	32.440	-22.764	-4	...	...	...	34.925	+38.041	-4	m	...	...	37.823	+51.376	1.00	50.9172	9.8
...	+32.451	-35.324	-5	p	...	...	+34.974	+9.275	-5	m	...	...	+37.887	+38.422	1.15	50.9173	9.6
...	32.457	+10.442	-5	m	...	...	35.074	+21.305	-5	m	...	...	37.935	-13.336	0.85	51.9198	10.0
...	32.487	-51.771	-5	...	...	...	35.119	+13.573	0.90	50.9159	9.9	...	37.961	-33.177	-4	...	...
*	32.518	+39.087	1.10	50.9150	9.4	...	35.145	-44.320	-5	...	...	...	37.970	-18.916	0.90	51.9199	9.8
...	32.584	-37.880	0.80	...	...	...	35.159	-11.683	-3	...	...	...	37.991	-26.952	-2	...	...
I58I	+32.655	-4.015	-5	p	...	I64I	+35.199	-10.912	-4	...	...	I70I	+38.055	-49.883	-2	...	...
...	32.689	-45.250	-5	p	...	...	35.260	-34.032	-5	p	...	...	38.100	-16.872	-5	...	...
...	32.727	+9.363	-3	...	...	...	35.309	-13.216	-4	...	...	...	38.106	+59.284	-4	...	...
...	32.764	-8.382	0.90	...	...	...	35.343	-20.762	-4	...	...	...	38.178	+46.370	0.80	50.9174	10.1
...	32.777	+0.537	-5	m	...	...	35.410	+47.245	-3	...	...	...	38.186	-7.707	0.75	...	...
*	+32.807	+34.454	0.95	50.9152	10.0	...	+35.410	-6.671	-4	...	...	...	+38.203	+16.966	1.00	50.9175	9.7
*	32.877	-53.240	1.10	51.9188	9.6	...	35.459	-23.625	-5	...	...	...	38.223	+17.543	-3	...	...
...	32.896	-48.315	-4	...	...	...	35.504	-0.913	-2	...	...	...	38.231	+35.672	-3	a	...
...	32.905	+10.988	-3	...	...	...	35.526	-35.237	-5	...	...	...	38.250	-50.928	-5	...	...
...	32.963	-6.179	-5	...	...	...	35.547	-56.208	-1	51.9194	10.2	...	38.298	+19.768	-3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1711-1770						1771-1830						1831-1890					
I711	...	...	...	...	...	I771	...	...	...	...	...	I831	...	...	...	...	...
...	+38'316	-14'006	-3	...	...	...	+40'247	+28'234	-5	m	...	...	+42'578	-14'749	0'70	...	...
...	38'330	+10'487	0'80	50.9176	10'1	...	40'251	-52'909	-4	...	...	...	42'606	-14'651	0'80	51.9218	10'2
...	38'366	+42'442	-5	m	...	*	40'280	-24'075	1'00	51.9207	9'6	...	42'708	-32'073	-5	p	...
*	38'420	-19'904	1'10	51.9201	9'4	...	40'312	-21'858	-5	p	...	...	42'745	-41'058	-5	...	...
...	38'429	-21'896	-4	...	...	...	40'319	+55'122	-3	...	...	...	42'755	-40'316	1'00	51.9221	10'0
...	+38'494	+29'478	-3	...	...	...	+40'357	-50'485	-4	...	...	...	+42'759	+8'484	-5	m	...
*	38'508	-15'934	1'00	51.9200	9'8	...	40'450	-15'904	0'95	51.9208	10'0	...	42'768	-41'302	-3	...	...
*	38'550	-46'675	1'00	51.9203	9'6	...	40'463	-40'985	-5	...	...	...	42'781	+16'795	-3	...	...
...	38'619	-3'549	-1	...	...	*	40'486	+8'899	1'00	50.9184	10'0	...	42'787	+37'118	-5	m	...
...	38'631	+10'630	-5	m	...	...	40'528	-24'037	-4	...	...	...	42'846	-35'421	-2	...	...
I721	...	...	...	...	...	I781	...	...	...	...	...	I841	...	...	...	...	...
...	+38'678	-58'564	-5	...	...	*	+40'623	-54'715	1'15	51.9209	9'4	...	+42'983	-25'756	-2	...	...
*	38'719	+13'860	1'00	50.9177	9'6	...	40'694	-55'910	-2	...	...	...	43'007	-35'277	-4	...	...
*	38'734	-25'505	1'00	51.9202	9'6	...	40'715	-45'537	-2	...	...	...	43'037	-39'775	-3	...	...
...	38'760	+14'108	-3	...	...	...	40'755	-34'464	-5	...	...	...	43'040	-47'830	-5	...	...
...	38'775	-42'860	-4	...	...	...	40'780	-6'654	0'85	...	...	...	43'096	+16'910	0'65	...	...
*	+38'814	+20'306	0'90	50.9179	9'8	*	+40'895	+6'079	1'00	50.9186	9'8	*	+43'098	-57'213	2'00	51.9224	8'8
...	38'867	-49'350	-3	...	...	...	40'899	+19'024	-5	m	...	...	43'117	-21'143	0'80	...	...
...	38'881	-40'368	-5	...	...	...	40'904	-23'854	-5	p	...	...	43'138	-27'553	-3	...	...
...	38'892	-40'555	-4	...	...	*	40'913	+19'747	1'00	50.9185	9'6	†	43'150	+34'813	-5	m	...
*	38'936	+45'915	1'20	50.9178	9'6	...	41'046	+30'127	-1	...	...	*	43'156	-47'682	1'20	51.9223	9'2
I731	...	...	...	...	...	I791	...	...	...	...	...	I851	...	...	...	...	...
*	+38'944	+12'590	1'00	50.9180	9'6	...	+41'054	-49'865	-5	...	...	*	+43'167	-16'065	1'05	51.9222	9'6
...	38'967	-55'619	-5	...	...	...	41'068	-44'021	-5	...	...	...	43'279	-13'661	-3	...	...
...	38'976	+38'658	-3	...	...	...	41'106	-41'103	-5	...	...	...	43'325	-51'186	-1	51.9227	10'0
...	39'053	-39'217	-2	...	...	...	41'120	-32'882	1'00	51.9211	10'2	...	43'380	+9'578	-3	...	...
...	39'137	-38'373	-5	...	...	...	41'122	-5'936	-3	...	...	...	43'506	-17'881	-5	...	...
...	+39'203	-42'960	-3	...	...	...	+41'125	-31'486	-4	...	...	*	+43'599	-19'070	1'40	51.9225	9'0
*	39'210	-27'285	0'95	51.9204	9'8	...	41'164	-11'499	-3	...	...	...	43'679	-24'874	0'90	51.9228	10'2
...	39'226	-40'419	-3	...	...	...	41'215	-22'303	-5	...	...	*	43'691	+14'516	1'00	50.9190	10'0
...	39'251	-37'608	-4	...	...	...	41'287	-0'838	-5	...	...	N	43'722	-19'058	0'80	...	...
...	39'268	-1'469	-5	...	...	*	41'317	-24'402	1'00	51.9210	9'8	*	43'726	-18'643	1'00	51.9226	9'6
I741	...	...	...	...	...	I801	...	...	...	...	...	I861	...	...	...	...	...
S *	+39'276	-39'355	1'45	51.9205	9'0	...	+41'492	+21'884	-3	...	...	...	+43'753	-44'695	-3	...	...
...	39'324	-16'705	-4	...	...	...	41'538	-28'457	0'85	51.9213	10'2	...	43'804	+46'893	0'90	50.9189	10'1
*	39'337	-40'123	1'00	51.9206	9'6	...	41'607	-17'073	0'90	51.9212	10'2	...	43'850	+27'531	0'90	...	...
...	39'343	+58'829	-4	...	...	...	41'774	+20'685	-5	m	...	...	43'873	+3'669	0'70	...	...
...	39'351	-4'516	-3	...	...	...	41'786	+33'999	0'95	50.9187	10'1	...	43'880	-12'046	-5	p	...
...	+39'355	+51'029	0'95	50.9181	10'0	...	+41'786	+6'035	0'85	...	...	...	+43'888	-13'043	-5	p	...
...	39'389	+6'049	0'90	50.9182	10'0	...	41'809	-30'141	-5	...	...	...	43'901	+49'225	-3	...	...
...	39'420	-14'688	-4	...	...	*	41'831	-17'222	0'95	51.9214	10'2	†	43'976	-44'920	-1	...	...
...	39'423	-27'263	-2	...	...	*	41'878	-21'128	1'00	51.9215	9'6	...	44'022	+7'476	-5	m	...
...	39'495	+0'274	-1	...	...	...	41'945	-3'327	0'95	50.9188	10'0	...	44'046	-52'274	-1	51.9231	10'0
I751	...	...	...	...	...	I811	...	...	...	...	...	I871	...	...	...	...	...
...	+39'532	+42'725	-4	a	...	...	+42'014	-44'324	-4	...	...	...	+44'077	+23'923	-5	...	...
...	39'533	+12'745	-2	...	...	...	42'046	-17'283	-2	...	...	...	44'092	-41'787	-3	...	...
...	39'535	-48'057	-3	...	...	*	42'046	-41'946	1'00	51.9217	9'6	...	44'121	-32'539	1'00	51.9229	10'0
...	39'548	-46'680	-3	...	...	...	42'084	-7'888	0'85	...	...	...	44'149	-35'608	-3	...	...
...	39'554	+48'468	-4	a	...	...	42'112	-9'860	-5	p	...	...	44'215	+52'426	-3	...	...
...	+39'563	-21'941	-5	...	...	...	+42'113	+18'451	-3	b	...	*	+44'237	-0'942	1'20	50.9192	9'2
...	39'610	+7'804	-4	...	...	...	42'136	-5'272	-5	...	...	...	44'267	-18'294	-5	p	...
...	39'668	-32'994	-4	...	...	...	42'170	-32'872	-5	p	...	...	44'275	+45'622	1'00	50.9191	10'0
...	39'804	-18'710	0'75	...	...	...	42'191	+43'195	-5	m	...	...	44'322	-19'455	0'70	...	...
...	39'855	+9'338	-3	...	...	...	42'227	-9'257	0'75	...	...	...	44'332	-9'175	0'70	...	...
I761	...	...	...	...	...	I821	...	...	...	...	...	I881	...	...	...	...	...
...	+39'855	+6'564	0'70	...	...	...	+42'227	-18'560	-5	...	...	...	+44'411	-31'678	-5	...	...
...	39'899	+3'819	-5	m	...	...	42'249	+11'737	-3	...	...	...	44'453	+32'568	-5	m	...
...	39'901	+14'330	-3	...	...	...	42'257	-19'869	-5	p	...	...	44'501	-54'827	-3	51.9234	10'2
...	39'906	+8'825	-2	...	...	...	42'259	+3'055	-5	m	...	*	44'548	-7'129	1'00	51.9230	9'8
...	39'988	-8'914	0'85	...	...	...	42'294	-43'607	1'00	51.9219	9'6	†	44'632	+4'180	1'05	50.9193	9'0
...	+40'033	-56'728	-5	...	...	...	+42'310	-4'262	0'90	51.9216	10'0	†	+44'687	+4'086	0'90	...	...
...	40'035	-24'105	-5	...	...	...	42'387	+3'015	-3	...	...	†	44'729	-24'693	1'20	51.9233	9'2
...	40'104	-34'752	-5	p	...	...	42'447	+27'704	-4	m	...	...	44'759	+8'742	0'85	50.9194	10'1
...	40'132	+40'600	-5	m	...	†	42'512	-10'085	-3	...	...	...	44'774	-41'901	-3	...	...
*	40'236	+16'569	1'60	50.9183	8'8	...	42'572	-50'802	-1	51.9220	10'0	*	44'819	-11'925	1'30	51.9232	9'2

1859. Partly obscured by 2nd image of 1860.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1891-1950						1951-2010						2011-2070					
I89I	...	...	...	...	...	I95I	...	...	...	...	...	201I	...	...	...	...	...
...	+44.880	-6.480	0.80	...	...	...	+47.192	-2.874	1.00	50.9197	9.7	...	+49.561	+25.117	0.80	50.9204	10.1
...	44.881	+37.993	-1	...	...	...	47.244	+18.300	-5	m	...	...	49.587	-10.133	0.85	51.9252	9.6
...	44.889	-58.756	-5	...	...	...	47.245	-44.270	-4	...	...	...	49.627	+53.419	1.00	50.9201	9.8
...	44.966	+14.555	-3	...	...	...	47.284	-38.364	-5	...	...	...	49.663	+30.078	1.40	50.9203	9.2
...	45.019	+14.381	-3	...	...	...	47.308	-16.811	-1	...	...	...	49.715	+18.719	0.75	...	...
...	+45.053	-10.742	-2	...	...	...	+47.329	+22.750	0.80	...	...	...	+49.740	+37.058	-3	...	...
...	45.157	-7.974	0.70	...	...	...	47.477	-0.315	-3	...	...	...	49.749	-46.260	-5	...	...
...	45.166	-38.655	0.90	51.9235	9.8	...	47.527	+39.049	1.00	50.9195	9.9	...	49.755	+4.963	0.70	...	...
...	45.188	-19.150	-1	...	...	...	47.555	-4.651	0.85	51.9244	10.2	...	49.789	+13.234	1.00	50.9206	9.4
...	45.328	-16.517	-5	...	...	...	47.578	-29.754	-3	...	...	...	49.789	-31.843	-3	...	...
I90I	...	...	...	...	...	I96I	...	...	...	...	...	202I	...	...	...	...	...
...	+45.373	-44.459	-5	...	...	...	+47.605	+4.124	-4	...	...	...	+49.816	-19.013	-4	...	...
...	45.390	-38.758	-3	...	...	...	47.610	-11.755	1.40	51.9245	9.2	...	49.907	+13.993	-1	...	...
...	45.413	+23.531	-3	...	...	...	47.610	-56.762	-4	...	...	...	49.924	+23.498	-5	...	...
...	45.435	-18.884	-2	...	...	...	47.632	-46.098	1.00	51.9247	9.6	...	49.939	+50.510	-4	...	...
...	45.512	+5.443	-3	...	...	...	47.682	-25.620	-4	...	...	...	50.044	-58.595	-4	...	...
...	+45.524	-55.496	-5	...	...	...	+47.742	-43.279	-4	...	...	...	+50.051	-8.658	-5	...	...
...	45.568	+2.123	-2	...	...	...	47.789	-36.128	-4	...	...	...	50.061	-33.456	-1	...	...
...	45.629	-47.386	-5	p	...	...	47.841	+47.089	-4	...	...	...	50.103	-0.859	-3	...	...
...	45.665	-42.591	-5	...	...	...	47.856	+39.884	-3	...	...	...	50.112	-42.536	1.00	51.9254	10.2
...	45.795	+40.573	-4	d	...	...	47.873	+16.053	-1	...	...	...	50.119	+23.316	-5	...	...
I91I	...	...	...	...	...	I97I	...	...	...	...	...	203I	...	...	...	...	...
...	+45.827	+43.207	-5	m	...	...	+47.952	+0.737	-2	b	...	...	+50.139	+31.848	1.25	50.9207	9.2
...	45.914	-27.465	-4	...	...	...	47.972	+39.039	-3	...	...	...	50.227	-8.415	0.80	51.9253	10.2
...	45.952	-30.764	0.90	51.9238	10.0	...	47.983	+14.010	-2	...	...	...	50.231	+21.727	-5	m	...
...	45.970	-38.996	-2	51.9240	10.2	...	48.002	-29.151	-4	...	...	...	50.470	-22.589	-2	...	...
...	46.020	-11.518	2.10	51.9237	8.6	...	48.017	-13.578	1.00	51.9246	9.6	...	50.481	-43.120	-3	...	...
...	+46.046	+10.695	-5	m	...	...	+48.028	+2.088	2.10	50.9198	8.3	...	+50.490	-2.009	-5	...	...
...	46.077	+16.921	-5	m	...	...	48.083	-25.226	-4	...	...	...	50.595	-17.621	-2	...	...
...	46.113	-34.302	-1	...	...	...	48.115	-33.351	-2	...	...	...	50.688	-37.360	1.00	51.9255	9.8
...	46.139	-11.901	-3	...	...	...	48.187	-12.652	-4	...	...	...	50.690	-30.964	0.95	...	...
...	46.185	-37.452	-5	...	...	...	48.229	-33.963	-5	...	...	...	50.698	-39.667	-3	...	...
I92I	...	...	...	...	...	I98I	...	...	...	...	...	204I	...	...	...	...	...
...	+46.195	+11.077	-3	...	...	...	+48.288	-24.578	-3	...	...	...	+50.767	-23.030	1.00	51.9256	10.0
...	46.216	+0.933	-2	...	...	...	48.355	+38.808	-4	...	...	...	50.817	+8.181	-5	m	...
...	46.284	+7.014	-5	m	...	...	48.369	+36.266	-3	...	...	...	50.884	+23.372	0.85	...	...
...	46.315	-45.508	-3	...	...	...	48.403	-3.641	-4	...	...	...	50.938	-10.119	-3	...	...
...	46.338	-16.740	-5	...	...	...	48.417	-13.155	-3	...	...	...	50.979	+46.147	2.60	50.9209	8.3
...	+46.343	-33.863	-4	...	...	...	+48.553	-13.011	-4	...	...	...	+51.007	+10.798	1.20	50.9210	9.2
...	46.373	-18.674	1.80	51.9239	8.8	...	48.555	+39.631	-3	...	...	...	51.064	-50.063	-3	e	...
...	46.386	-25.704	-5	...	...	...	48.609	+35.839	0.90	50.9199	10.1	...	51.067	+49.428	1.00	50.9208	9.8
...	46.418	+10.978	-5	m	...	...	48.610	+27.263	-5	m	...	...	51.156	+2.420	1.00	50.9213	9.4
...	46.498	-11.987	-5	...	...	...	48.631	-33.517	-5	...	...	...	51.162	-23.834	-5	...	...
I93I	...	...	...	...	...	I99I	...	...	...	...	...	205I	...	...	...	...	...
...	+46.498	-33.962	-4	...	...	...	+48.652	+46.979	1.00	50.9200	9.7	...	+51.233	+26.693	1.00	50.9211	10.0
...	46.555	-51.438	-5	...	...	...	48.656	-42.825	0.95	51.9248	9.4	...	51.266	-15.138	1.00	51.9257	10.0
...	46.571	+22.453	-1	...	...	...	48.734	+20.801	-3	...	...	...	51.294	+4.068	1.00	50.9214	9.7
...	46.573	-55.329	-3	...	...	...	48.737	-42.757	1.10	51.9248	9.4	...	51.321	+7.408	-5	m	...
...	46.647	+13.370	-5	m	...	...	48.788	+48.240	-5	...	...	...	51.364	-32.640	-4	...	...
...	+46.670	-13.969	-5	...	...	...	+48.828	+18.447	-5	m	...	...	+51.422	+33.103	-5	...	...
...	46.690	+44.819	-3	...	...	...	48.854	-5.656	-5	...	...	...	51.472	-9.151	0.85	51.9258	10.2
...	46.699	-10.118	0.75	51.9241	9.8	...	49.029	-58.738	-3	...	...	...	51.495	+14.675	-5	m	...
...	46.840	-32.749	1.20	51.9242	9.6	...	49.084	+42.323	-5	m	...	...	51.607	+10.076	-5	m	...
...	46.865	+29.525	-4	m	...	...	49.203	-4.556	-4	...	...	...	51.668	-39.428	1.15	51.9260	9.6
I94I	...	...	...	...	...	200I	...	...	...	...	...	206I	...	...	...	...	...
...	+46.933	-10.047	0.85	51.9241	9.8	...	+49.220	-15.831	-3	51.9249	10.2	...	+51.782	+48.880	-5	m	...
...	46.988	-2.756	-4	...	...	...	49.250	+26.227	-3	...	...	...	51.826	-31.918	-5	...	...
...	46.991	-26.414	-5	...	...	...	49.276	+46.994	-3	...	...	...	51.837	+57.052	1.15	49.9143	9.6
...	46.997	+15.904	-5	m	...	...	49.300	-14.531	-1	51.9250	10.2	Nn*	51.859	+50.802	2.60	50.9212	8.2
...	47.011	-29.131	1.10	51.9243	9.6	...	49.314	+7.357	1.80	50.9202	8.9	...	51.889	-45.349	-5	...	...
...	+47.031	+5.498	-3	...	...	...	+49.422	+38.517	-4	...	...	...	+51.922	-2.458	0.70	...	...
...	47.036	+32.399	-4	b	...	...	49.485	-24.671	-5	...	...	...	51.960	+50.656	0.90	50.9212	8.2
...	47.056	+36.669	-4	b	...	...	49.486	+4.896	1.40	50.9205	9.3	...	51.963	-7.819	0.80	51.9259	10.2
...	47.074	+9.889	-4	...	...	...	49.526	-51.222	-3	...	...	...	51.971	+5.909	-4	m	...
...	47.125	-1.356	1.00	50.9196	9.8	...	49.527	-26.361	-2	...	...	...	52.000	+28.380	-4	...	...

1938, 1941. C.P.D., mass.

1992, 1994. C.P.D., mass.

2064. Mass.

2064, 2067. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2071-2130						2131-2190						2191-2218					
207I	+52°080	-36°824	-5	...	...	213I	+55°003	+10°475	-4	...	...	219I	+58°143	+9°936	-5	...	...
...	52°141	+7°207	1°00	50.9215	10°1	...	55°128	-43°958	-5	e	...	e	58°149	-59°319	-2	51.9292	9°8
*	52°360	+20°274	1°10	50.9216	9°6	...	55°192	+4°145	0°75	...	...	...	58°238	+33°138	-5	e	...
...	52°482	-42°225	-4	e	...	...	55°399	+25°085	-5	e	...	e *	58°274	-6°186	1°00	51.9289	9°8
e	52°522	-23°536	0°80	51.9261	10°2	*	55°427	+16°304	1°10	50.9220	9°6	...	58°400	+19°990	-2	...	...
*	+52°552	+8°613	2°00	50.9217	8°6	e *	+55°487	-13°914	1°10	51.9278	9°6	...	+58°537	+40°019	-4	...	...
...	52°552	-9°235	-4	...	...	...	55°505	+33°085	-5	e	...	...	58°582	+9°096	0°80	50.9227	10°1
...	52°557	-18°522	-4	e	...	*	55°525	+57°342	2°00	49.9152	9°1	e	58°592	-36°487	1°00	51.9291	9°8
...	52°656	-32°859	0°95	e	...	...	55°622	-27°183	-1	e	...	...	58°598	-51°882	-5	e	...
...	52°683	+3°914	-2	...	...	...	55°717	+7°273	-3	...	...	...	58°777	-12°608	-4	e	...
208I	...	...	...	...	...	214I	...	...	...	...	...	220I	...	...	...	...	...
*	+52°735	+0°209	1°60	50.9218	8°9	...	+55°810	+10°660	-2	...	...	...	+58°809	+7°912	-3	...	...
...	52°747	+15°789	0°80	...	...	*	55°814	+31°771	1°00	50.9222	9°9	*	58°961	+16°266	1°00	50.9228	9°7
...	52°814	-26°164	-3	e	...	...	55°840	-1°693	-3	e	...	...	58°967	-57°517	-4	e	...
...	52°818	-34°313	-3	e	...	...	55°944	+50°031	-2	50.9221	10°1	*	58°968	+54°104	1°70	50.9226	9°2
...	52°878	+13°896	-5	m	...	...	56°081	-55°837	-3	e	...	...	59°039	+16°725	0°85	50.9229	10°0
e	+52°908	-10°886	0°95	51.9262	10°0	e †	+56°128	-54°982	0°90	51.9280	9°8	...	+59°073	-21°275	-5	e	...
e	53°090	-56°605	1°00	51.9268	9°8	e *	56°151	-56°414	2°00	51.9282	8°8	e †	59°188	-35°038	0°95	51.9293	10°0
e *	53°115	-29°219	1°00	51.9263	9°8	*	56°223	+44°023	1°00	50.9223	9°6	...	59°210	+36°044	-3	...	...
e	53°165	-45°980	-1	51.9265	10°0	...	56°226	+3°470	-4	e	...	e	59°259	-53°746	-2	51.9295	10°2
...	53°212	-27°226	-5	e	...	e	56°273	-35°728	0°95	51.9279	10°0	...	59°269	-13°607	-3	e	...
209I	...	...	...	...	...	215I	...	...	...	...	...	221I	...	...	...	...	...
e	+53°259	-32°106	1°00	51.9264	9°8	†	+56°280	-25°076	-5	e	...	...	+59°291	-47°374	-4	e	...
...	53°283	-42°908	-2	e	...	...	56°292	+10°557	-5	m	...	...	59°306	+0°184	0°85	50.9232	10°0
...	53°335	-4°504	-5	e	...	...	56°311	+24°389	-4	...	...	...	59°468	-23°606	-4	e	...
e *	53°395	-45°199	1°40	51.9266	9°4	...	56°331	+15°689	-2	...	...	...	59°474	+28°676	-5	...	...
...	53°401	-22°861	-4	e	...	e	56°360	-35°132	0°80	51.9281	10°0	...	59°565	-0°701	-2	e	...
...	+53°424	-53°178	-5	e	...	...	+56°381	-33°010	-5	...	...	...	+59°594	+25°286	-3	...	...
...	53°515	+4°011	0°95	...	...	...	56°395	+59°601	-5	...	...	†	59°652	+28°599	-3	...	...
...	53°576	-14°879	-3	e	...	...	56°395	+2°708	-3	e	...	†	59°668	+34°906	1°00	50.9230	9°6
e	53°595	-22°127	-2	51.9267	10°2	...	56°402	+33°329	-2	...	...	...	...	...	...	...	...
...	53°617	-33°003	-5	...	...	...	56°409	-31°357	-2	e	...	...	...	...	...	...	...
210I	...	...	...	...	...	216I	...	...	...	...	...	...	...	...	...	...	...
...	+53°662	-8°897	-5	...	...	...	+56°464	+43°885	-3	...	...	...	...	...	...	...	...
...	53°674	-15°748	-5	e	...	e	56°621	-47°442	1°00	51.9284	9°8	...	...	...	...	...	...
...	53°735	-11°393	-3	e	...	...	56°634	+4°221	-4	e	...	...	...	...	...	...	...
...	53°740	-9°166	0°75	e	...	...	56°640	+0°003	-2	...	...	...	...	...	...	...	...
...	53°832	+56°762	-5	m	...	...	56°814	-55°094	-5	e	...	...	...	...	...	...	...
e †	+53°889	-20°014	1°00	51.9269	9°8	...	+56°881	+12°586	-5	e	...	...	...	...	...	...	...
...	53°971	-12°685	0°75	e	...	...	56°895	+0°768	-4	e	...	...	...	...	...	...	...
...	53°986	+47°715	-5	m	...	e *	56°905	-12°904	1°00	51.9283	9°8	...	...	...	...	...	...
...	54°017	+14°587	-2	...	...	...	56°921	-11°933	-5	e	...	...	...	...	...	...	...
...	54°037	+42°681	-1	...	...	...	56°992	-9°526	-2	e	...	...	...	...	...	...	...
211I	...	...	...	...	...	217I	...	...	...	...	...	...	...	...	...	...	...
e *	+54°133	-35°510	1°20	51.9271	9°2	...	+57°053	+0°108	-4	e	...	...	...	...	...	...	...
...	54°190	-25°481	-3	e	...	...	57°145	-10°776	-2	e	...	...	...	...	...	...	...
...	54°212	+34°900	-5	m	...	e	57°205	-57°602	-1	51.9288	10°0	...	...	...	...	...	...
...	54°255	-27°648	-5	...	...	e *	57°254	-9°418	0°90	51.9285	10°0	...	...	...	...	...	...
...	54°260	+28°682	-2	...	...	...	57°329	+20°662	-4	...	...	...	...	...	...	...	...
e *	+54°278	-8°653	1°00	51.9270	9°8	...	+57°390	-19°962	-4	e	...	...	...	...	...	...	...
e *	54°317	-37°124	1°00	51.9273	9°6	...	57°454	-8°021	-5	e	...	...	...	...	...	...	...
...	54°381	-27°916	-2	e	...	e	57°530	-25°164	0°85	51.9286	10°2	...	...	...	...	...	...
e *	54°458	-12°251	1°00	51.9272	10°0	...	57°597	-50°335	-5	e	...	...	...	...	...	...	...
...	54°475	-55°503	-5	e	...	...	57°604	+6°560	-5	e	...	...	...	...	...	...	...
212I	...	...	...	...	...	218I	...	...	...	...	...	...	...	...	...	...	...
...	+54°499	-33°925	-3	e	...	...	+57°605	-7°485	-5	e	...	...	...	...	...	...	...
...	54°556	+10°974	-2	...	...	...	57°772	-39°872	-5	e	...	...	...	...	...	...	...
...	54°746	-39°075	-5	e	...	...	57°837	-45°472	-5	e	...	...	...	...	...	...	...
e	54°804	-34°688	0°85	51.9274	10°2	...	57°864	+57°772	-4	e	...	...	...	...	...	...	...
*	54°852	+2°543	1°80	50.9219	8°8	...	57°952	+46°186	-4	...	...	...	...	...	...	...	...
e	+54°906	-36°732	0°65	51.9275	10°2	...	+58°022	-11°574	-4	e	...	...	...	...	...	...	...
...	54°937	+28°012	-4	...	...	...	58°026	+15°964	-5	e	...	...	...	...	...	...	...
...	54°945	-12°922	-4	e	...	...	58°036	-34°451	0°90	e	...	...	...	...	...	...	...
e	54°947	-39°582	0°85	51.9277	10°0	...	58°085	+29°503	0°95	50.9224	10°0	...	...	...	...	...	...
...	54°975	+0°481	-1	...	...	*	58°096	+11°986	3°00	50.9225	7°7	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.E.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1-60						61-120						121-180					
I † † † E* ... E* ... E* ... II E 2I † E 3I * E ... E ... E* ... 4I E* * * E ... 5I ... E* E ...<																	

L measured from 1, 246, 503, 771, 1007, 1254, 1476, 1702, 1927, 2162, 2385, 2621
 MC " " 114, 373, 634, 877, 1132, 1369, 1587, 1812, 2046, 2273, 2514, 2707

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
181	-52.204	-5.858	0.85	51.9297	10.2	241	-50.388	+24.761	-3	...	...	301	-48.387	-8.647	-3	...	...
...	52.110	+51.005	-5	M	...	...	50.384	+40.000	1.00	50.9246	9.8	...	48.333	-3.863	-5	...	...
...	52.100	-47.230	-3	E	...	...	50.363	+14.886	1.20	50.9244	9.5	...	48.324	+5.606	-2	...	...
...	52.027	-9.449	-3	...	...	...	50.333	-29.471	-2	...	...	...	48.289	-24.466	-5	...	...
...	52.015	-57.359	-4	E	...	...	50.323	-35.086	-2	...	...	...	48.255	+33.842	-3	...	...
*	-52.013	+21.917	1.00	50.9238	9.7	...	-50.270	-51.401	-5	...	...	...	-48.197	-51.766	-4	...	...
*	52.008	+24.279	1.40	50.9240	9.1	...	50.269	-31.830	-5	...	...	...	48.076	-5.107	-5	...	...
...	51.994	-33.909	-3	...	...	...	50.264	+1.884	-4	M	...	...	48.075	+22.260	-4	M	...
...	51.938	-26.671	-3	...	...	...	50.188	+11.617	-5	M	...	...	48.056	-45.875	1.00	51.9308	10.2
...	51.937	+22.730	-4	...	...	...	50.164	-32.973	-4	...	...	...	47.988	+48.924	-2	50.9257	10.1
191	-51.929	+24.779	-1	...	...	251	-50.160	+38.270	-2	...	...	311	-47.955	-46.913	-5	p	...
...	51.894	+12.853	-5	M	...	...	50.084	-30.333	-5	p	...	...	47.945	-13.314	1.00	51.9316	9.8
E	51.869	-53.577	-1	51.9295	10.2	...	50.023	+9.160	-4	...	...	...	47.842	+39.973	0.95	50.9256	10.0
...	51.825	+19.743	-3	A	...	...	49.926	-14.909	1.20	51.9305	9.1	...	47.838	-38.521	-4	...	...
...	51.744	-43.161	-1	51.9296	10.2	...	49.924	+18.130	-5	M	...	...	47.816	+0.685	1.00	50.9252	9.6
...	-51.679	-26.106	-5	...	...	...	-49.831	+54.335	-5	M	...	...	-47.792	-37.705	-5	...	...
...	51.648	-0.687	-3	...	...	...	49.831	+14.860	-5	M	...	...	47.780	-0.890	-5	...	...
...	51.640	+25.152	-3	...	...	...	49.764	-15.277	0.85	...	...	...	47.763	+34.136	0.85	50.9255	10.1
...	51.632	+4.552	0.75	...	...	...	49.763	+53.645	1.00	50.9248	10.0	...	47.695	-41.296	-5	...	...
...	51.508	+34.745	-4	M	...	...	49.674	+13.943	-5	M	...	...	47.556	+49.947	-4	M	...
201	-51.488	-4.969	-4	...	...	261	-49.672	+58.268	-5	M	...	321	-47.538	-44.034	0.95	...	...
...	51.469	-27.530	0.90	51.9298	10.2	...	49.590	-49.948	0.95	51.9304	10.2	...	47.456	+26.758	0.90	50.9258	10.1
*	51.455	-10.679	0.90	51.9299	10.0	...	49.577	-17.209	-4	...	...	...	47.388	-4.567	-4	...	...
...	51.445	-47.026	-3	...	...	...	49.574	-54.362	1.25	51.9302	9.4	...	47.322	-54.953	1.20	51.9313	9.4
†	51.350	+54.833	-5	M	...	...	49.567	+58.833	-3	...	...	...	47.321	-54.557	1.05	51.9312	9.6
...	-51.345	-4.167	-4	...	...	...	-49.530	+8.122	-5	M	...	S *	-47.317	+13.549	2.00	50.9254	8.2
...	51.314	-41.771	-5	p	...	...	49.491	-2.137	-5	...	...	S *	47.195	-15.436	1.35	51.9317	8.8
F †	51.281	-0.069	2.30	50.9239	8.4	...	49.463	+5.101	0.80	...	...	...	47.170	-9.383	-5	...	...
...	51.226	-32.242	-2	...	...	...	49.434	-6.409	-5	...	...	...	47.063	-55.669	-1	51.9314	10.2
...	51.199	-47.149	-3	...	...	...	49.411	-53.892	2.00	51.9303	9.0	...	47.014	+52.850	-5	...	...
211	-51.155	+27.791	0.70	...	...	271	-49.360	+13.149	-5	M	...	331	-46.881	-37.520	-3	...	...
...	51.150	-40.660	-4	...	...	...	49.357	+9.175	-3	...	...	...	46.683	-20.965	1.35	51.9320	8.8
...	51.142	+12.258	-5	M	...	...	49.324	-48.951	1.00	...	...	...	46.620	-27.108	-5	...	...
...	51.120	-27.032	-4	...	...	...	49.318	-6.522	-5	...	...	...	46.519	+44.663	-5	M	...
...	51.114	-41.277	-3	...	...	...	49.269	+12.589	0.90	...	...	...	46.498	-58.873	-5	...	...
...	-51.112	-54.828	-3	...	...	...	-49.252	+30.842	0.75	...	...	...	-46.418	+11.834	-5	M	...
...	51.096	-12.136	-4	...	...	...	49.244	-27.886	-2	...	...	...	46.387	-41.396	-1	...	...
...	51.038	+3.484	-4	M	...	...	49.231	-45.846	-3	...	...	...	46.386	+40.714	0.95	50.9261	10.0
...	51.024	-19.612	-3	...	...	...	49.159	+48.976	1.00	50.9249	10.1	...	46.363	-41.173	-3	...	...
...	51.017	-34.380	-5	...	...	...	49.136	+23.516	-3	...	...	...	46.327	-32.373	-5	...	...
221	-50.940	+7.692	-4	M	...	281	-49.057	+9.611	1.15	50.9247	9.2	341	-46.318	-49.525	1.00	51.9319	10.0
...	50.838	+28.216	-5	M	...	...	49.018	-2.977	-3	...	...	...	46.315	+14.254	-5	M	...
...	50.824	-32.701	-3	...	...	...	48.994	+24.985	-2	...	...	...	46.311	-8.947	0.90	51.9323	10.2
...	50.806	-28.392	-5	...	...	...	48.965	-27.302	-2	...	...	...	46.296	-53.151	-5	...	...
n *	50.782	-23.755	1.40	51.9301	8.8	...	48.943	-45.552	-5	...	...	...	46.281	+14.349	0.90	50.9259	10.0
...	-50.733	+11.947	-1	50.9243	10.0	...	-48.900	-53.443	-2	...	...	...	-46.272	-0.631	0.70	...	...
*	50.724	+45.134	1.80	50.9245	8.8	...	48.897	-19.980	-5	...	...	...	46.212	+29.963	1.20	50.9260	9.0
...	50.679	+4.993	0.65	...	...	...	48.754	-54.789	-4	...	...	...	46.198	-48.610	-4	...	...
...	50.671	-36.968	-5	...	...	...	48.734	-31.596	0.85	...	...	...	46.158	-49.532	-5	...	...
...	50.621	-57.386	-5	p	...	...	48.671	-34.364	0.95	51.9307	10.2	†	46.157	-10.047	-4	...	...
231	-50.614	-36.599	-2	...	...	291	-48.636	-4.313	1.45	51.9311	9.0	351	-46.112	+5.950	0.90	...	...
n	50.577	-23.751	0.90	51.9301	8.8	...	48.507	+25.739	-5	M	...	...	46.085	+3.369	-4	...	...
...	50.574	+6.276	-1	50.9242	10.1	...	48.490	+38.901	1.50	50.9253	8.8	...	46.069	+7.616	-5	M	...
...	50.555	-2.151	-5	p	...	...	48.490	+6.037	0.80	...	...	...	45.991	-20.971	1.60	51.9322	8.8
...	50.547	-2.287	-5	p	...	...	48.482	+25.345	0.95	50.9251	9.9	...	45.987	-45.077	-1	...	...
...	-50.531	-15.573	-5	p	...	...	-48.447	-42.149	-3	...	...	...	-45.965	+50.724	1.00	50.9263	9.9
*	50.519	-0.243	1.00	50.9241	9.8	...	48.438	-14.073	0.85	51.9310	10.0	*	45.950	+26.571	0.95	50.9262	9.8
...	50.456	+32.167	-4	M	...	...	48.432	+25.579	0.90	50.9250	9.9	...	45.918	-1.624	-5	...	...
...	50.455	-23.711	-4	...	...	...	48.429	-1.685	-5	...	...	...	45.909	-2.303	-5	...	...
*	50.429	-36.152	1.70	51.9300	8.8	...	48.401	-12.996	0.80	...	...	†	45.825	-59.879	0.80	51.9321	10.0

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-420						421-480						481-540					
36I	-45° 8' 18	+ 1° 6' 75	- 5	M	...	42I	-43° 6' 90	+ 1° 2' 08	- 4	M	...	48I	-41° 3' 60	+ 39° 9' 56	- 4	M	...
*	45° 8' 18	- 8° 9' 94	1° 00	51.9324	9.6	...	43° 6' 86	+ 19° 4' 89	- 1	...	...	...	41° 3' 15	- 39° 2' 60	- 4	...	...
...	45° 7' 89	- 2° 0' 67	- 5	...	...	...	43° 6' 85	+ 21° 2' 32	- 5	M	...	...	41° 3' 05	- 19° 2' 46	- 3	...	...
...	45° 5' 76	- 38° 9' 10	- 2	...	...	...	43° 6' 65	+ 33° 7' 97	- 5	M	...	...	41° 2' 98	+ 4° 9' 96	- 4	M	...
...	45° 5' 19	+ 21° 3' 24	- 5	M	...	*	43° 6' 52	- 45° 9' 48	1° 60	51.9330	9.2	...	41° 2' 61	+ 36° 7' 93	- 3	...	...
...	-45° 5' 05	- 36° 4' 06	- 4	...	...	...	43° 6' 35	+ 4° 7' 97	- 5	M	...	...	-41° 2' 43	- 32° 3' 97	- 3	...	...
...	45° 4' 90	+ 56° 4' 62	- 5	M	...	...	43° 6' 04	- 32° 2' 35	0° 80	51.9332	10° 0	...	41° 2' 09	+ 35° 3' 13	- 3	A	...
...	45° 4' 69	- 38° 0' 34	- 4	...	...	...	43° 5' 98	+ 0° 7' 05	- 4	M	...	...	41° 1' 03	- 12° 0' 63	- 5	...	...
...	45° 4' 60	+ 31° 0' 58	- 4	M	...	...	43° 5' 93	+ 27° 5' 09	0° 85	50.9268	10° 1	...	41° 0' 59	- 30° 0' 92	0° 85	51.9345	10° 2
...	45° 4' 40	- 43° 9' 35	- 5	...	...	...	43° 5' 48	- 52° 0' 19	- 5	...	...	...	40° 8' 52	- 20° 1' 77	- 5	...	...
37I	-45° 4' 26	- 48° 0' 20	- 1	...	...	43I	-43° 5' 44	+ 30° 9' 84	- 4	M	...	49I	-40° 8' 24	+ 5° 0' 30	- 4	...	...
...	45° 3' 57	- 45° 2' 29	- 3	...	...	*	43° 5' 01	- 30° 5' 90	1° 00	51.9334	9.8	...	40° 8' 03	+ 19° 7' 07	0° 80	...	...
†	45° 2' 30	- 2° 5' 91	- 3	...	...	...	43° 4' 47	- 38° 7' 70	0° 85	...	...	...	40° 8' 02	- 44° 7' 45	- 2	...	...
*	45° 1' 21	+ 53° 1' 11	1° 70	50.9266	9.0	...	43° 4' 22	- 6° 4' 08	0° 80	51.9340	10° 2	...	40° 7' 16	+ 48° 7' 03	- 5	M	...
...	45° 0' 91	- 29° 5' 06	- 3	...	...	*	43° 0' 48	- 8° 7' 75	1° 60	51.9338	9.0	...	40° 7' 14	- 39° 6' 30	- 5	...	...
...	-45° 0' 23	- 37° 1' 18	- 4	...	...	...	-42° 9' 98	+ 22° 8' 44	- 5	M	...	...	-40° 6' 73	+ 19° 5' 24	- 3	...	...
...	45° 0' 14	+ 8° 8' 45	- 5	M	...	*	42° 9' 77	- 40° 8' 10	1° 10	51.9335	9.6	...	40° 6' 60	- 14° 2' 41	- 4	...	...
...	44° 8' 95	+ 34° 6' 02	0° 90	...	...	*	42° 9' 56	- 58° 3' 74	1° 10	51.9333	9.6	...	40° 5' 26	- 17° 1' 95	- 3	...	...
...	44° 8' 66	- 46° 2' 43	- 4	...	...	...	42° 8' 53	+ 48° 0' 51	- 2	...	...	...	40° 4' 99	- 26° 6' 48	- 3	...	...
...	44° 8' 61	+ 36° 0' 97	- 5	M	...	...	42° 8' 32	- 50° 2' 27	- 3	...	...	...	40° 4' 37	+ 12° 8' 90	- 4	M	...
38I	-44° 8' 42	- 31° 2' 33	- 4	...	...	44I	-42° 7' 98	- 23° 7' 26	0° 95	51.9339	9.8	50I	-40° 4' 19	+ 42° 3' 43	- 5	M	...
...	44° 8' 04	- 51° 7' 37	- 4	...	...	*	42° 7' 80	+ 41° 4' 35	1° 20	50.9270	9.4	†	40° 3' 26	- 45° 0' 86	1° 20	51.9346	9.4
...	44° 7' 59	- 26° 5' 38	- 1	...	...	...	42° 7' 36	- 43° 9' 08	- 5	...	...	†	40° 2' 32	+ 52° 5' 04	- 2	...	...
...	44° 7' 16	+ 53° 5' 58	- 4	M	...	...	42° 6' 33	- 23° 4' 22	- 3	...	...	†	40° 2' 09	- 17° 6' 56	0° 90	...	...
...	44° 7' 15	- 34° 4' 14	0° 90	51.9326	9.8	...	42° 5' 55	+ 47° 1' 20	- 3	...	...	...	40° 1' 23	- 9° 0' 17	- 5	...	...
...	-44° 6' 93	+ 33° 2' 44	- 4	M	...	...	-42° 5' 37	- 23° 7' 01	- 3	...	...	...	-40° 1' 09	+ 42° 7' 43	- 4	M	...
...	44° 6' 45	+ 17° 8' 61	- 4	...	...	...	42° 5' 20	+ 5° 0' 34	- 5	M	...	...	40° 0' 42	- 58° 1' 98	- 3	...	...
...	44° 6' 45	- 35° 9' 81	- 5	p	...	...	42° 4' 90	- 54° 7' 80	- 4	...	...	...	40° 0' 08	+ 40° 1' 03	- 3	...	...
*	44° 6' 13	+ 11° 5' 30	1° 00	50.9264	9.7	...	42° 4' 85	+ 8° 4' 34	- 2	...	...	...	39° 9' 45	- 50° 1' 49	1° 00	51.9347	9.8
...	44° 5' 99	- 29° 6' 55	- 5	...	...	...	42° 4' 15	- 33° 9' 76	- 3	...	...	...	39° 8' 55	- 10° 7' 40	- 2	...	...
39I	-44° 5' 73	+ 20° 4' 42	1° 20	50.9265	9.6	45I	-42° 3' 79	- 47° 9' 00	- 4	...	...	51I	-39° 8' 01	- 4° 2' 03	- 2	...	...
*	44° 5' 61	- 31° 2' 55	- 4	...	...	...	42° 3' 44	+ 28° 2' 90	0° 75	...	...	...	39° 7' 61	- 29° 6' 66	0° 90	51.9348	10° 0
...	44° 5' 36	- 21° 6' 49	- 5	p	...	...	42° 3' 18	- 14° 4' 95	- 4	...	...	...	39° 7' 56	+ 8° 7' 80	0° 70	...	...
...	44° 5' 36	- 10° 6' 25	- 1	...	...	...	42° 2' 89	- 30° 6' 52	- 5	...	...	...	39° 6' 97	- 20° 3' 38	- 4	...	...
...	44° 5' 03	+ 4° 7' 09	0° 70	...	...	...	42° 2' 77	+ 5° 5' 69	- 1	...	...	†	39° 6' 81	- 49° 9' 79	- 4	...	...
...	-44° 4' 94	- 32° 1' 20	- 5	...	...	...	-42° 2' 57	- 14° 2' 10	- 5	...	...	...	-39° 6' 42	- 18° 3' 67	- 5	p	...
...	44° 4' 85	- 47° 8' 78	0° 95	51.9325	9.8	...	42° 2' 08	- 28° 9' 92	0° 80	...	...	...	39° 6' 24	- 18° 3' 00	- 5	...	...
...	44° 4' 35	- 36° 1' 15	- 4	...	...	...	42° 1' 97	- 41° 1' 53	- 5	p	...	...	39° 6' 09	- 35° 4' 38	0° 85	51.9349	10° 0
...	44° 3' 62	- 14° 4' 53	- 4	...	...	...	42° 1' 95	- 59° 0' 04	- 5	p	...	...	39° 4' 48	- 2° 8' 48	- 5	...	...
...	44° 3' 52	+ 5° 9' 20	- 5	M	...	...	42° 0' 53	+ 40° 3' 79	- 4	M	...	...	39° 3' 40	+ 44° 9' 53	- 5	M	...
40I	-44° 3' 29	+ 51° 8' 22	- 4	M	...	46I	-42° 0' 09	- 57° 6' 03	1° 10	51.9341	9.6	52I	-39° 3' 31	- 55° 1' 38	- 3	...	...
...	44° 2' 52	+ 30° 7' 04	- 4	M	...	*	41° 9' 89	- 48° 4' 09	- 5	...	...	...	39° 3' 21	- 4° 0' 85	0° 85	51.9354	10° 0
...	44° 2' 51	- 51° 6' 80	- 3	...	...	...	41° 9' 79	- 55° 2' 49	1° 40	51.9342	9.4	...	39° 3' 12	+ 19° 7' 35	- 5	M	...
...	44° 2' 31	- 41° 2' 43	0° 90	51.9328	10° 0	...	41° 9' 64	- 6° 4' 86	- 5	...	...	...	39° 3' 02	- 3° 9' 79	- 5	...	...
...	44° 2' 16	- 5° 6' 86	1° 00	51.9331	9.8	...	41° 8' 77	+ 18° 5' 41	- 5	M	...	...	39° 2' 29	- 19° 4' 77	0° 90	51.9350	10° 2
...	-44° 1' 97	- 52° 7' 36	- 4	...	...	...	-41° 8' 74	+ 18° 0' 78	- 3	...	...	...	-39° 1' 37	+ 22° 2' 46	- 5	M	...
...	44° 1' 35	+ 5° 2' 98	- 5	M	...	...	41° 7' 35	+ 6° 0' 55	- 3	...	...	...	39° 0' 99	- 21° 3' 27	- 5	...	...
...	44° 1' 30	- 57° 0' 39	- 4	...	...	...	41° 7' 34	- 9° 9' 88	0° 95	51.9344	9.8	...	39° 0' 97	- 15° 4' 93	0° 75	...	...
...	44° 0' 70	- 19° 0' 81	- 4	...	...	...	41° 7' 22	- 18° 2' 76	1° 00	51.9343	9.6	...	39° 0' 34	+ 56° 8' 67	- 1	...	...
...	44° 0' 49	- 33° 7' 99	- 4	...	...	...	41° 6' 88	- 27° 7' 58	- 3	...	...	...	39° 0' 33	+ 32° 8' 79	- 3	...	...
41I	-44° 0' 45	+ 17° 1' 93	- 2	...	...	47I	-41° 6' 73	- 41° 8' 55	- 4	...	...	53I	-38° 9' 00	- 28° 3' 90	0° 95	51.9353	9.8
*	43° 9' 95	+ 55° 7' 80	1° 20	50.9269	9.6	*	41° 6' 48	+ 16° 8' 33	1° 00	50.9271	9.4	...	38° 8' 86	- 41° 2' 35	0° 75	...	...
...	43° 9' 91	- 54° 7' 36	- 4	...	...	...	41° 6' 38	- 26° 2' 33	- 3	...	...	...	38° 8' 57	- 11° 4' 25	- 5	...	...
...	43° 9' 90	- 45° 9' 86	- 4	...	...	...	41° 6' 32	- 14° 8' 30	0° 65	...	...	...	38° 8' 45	+ 43° 5' 81	0° 90	50.9274	10° 1
...	43° 9' 89	- 55° 3' 46	0° 95	51.9327	10° 2	...	41° 6' 13	- 36° 6' 43	- 4	...	...	...	38° 7' 55	+ 0° 1' 70	- 5	M	...
...	-43° 9' 04	- 48° 9' 00	- 5	p	...	...	-41° 5' 45	+ 1° 7' 00	- 3	B	...	...	-38° 7' 17	- 39° 8' 75	- 5	...	...
...	43° 8' 01	+ 45° 2' 52	- 4	M	...	...	41° 4' 70	- 32° 6' 15	- 5	...	...	...	38° 6' 89	- 18° 9' 68	- 5	...	...
...	43° 7' 95	+ 27° 9' 39	0° 90	50.9267	10° 1	...	41° 3' 72	+ 24° 2' 80	- 5	M	...	...	38° 6' 77	- 52° 6' 61	- 5	...	...
...	43° 7' 60	- 51° 9' 40	- 3	...	...	...	41° 3' 64	- 5° 4' 22	0° 80	...	...	...	38° 6' 35	- 3° 4' 12	- 4	...	...
...	43° 7' 20	+ 2° 9' 40	- 5	M	...	...	41° 3' 63	+ 2° 0' 54	- 3	B	...	...	38° 6' 08	+ 5° 6' 13	1° 00	50.9272	9.9

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
541-600						601-660						661-720					
54I	-38.601	-41.991	-5	...	...	60I	-36.509	-25.284	-5	...	...	66I	-34.609	+13.242	-4	...	...
...	38.596	+46.868	-5	M	...	*	36.447	+31.376	0.95	50.9278	9.8	...	34.592	-36.404	-1	51.9378	10.2
*	38.582	-45.489	1.00	51.9352	9.6	...	36.420	-26.166	-5	...	...	...	34.518	+34.508	-5	M	...
...	38.573	-41.138	-5	...	...	...	36.390	-5.226	-5	...	...	...	34.500	-30.509	-5	...	...
*	38.569	-52.205	1.00	51.9351	9.6	...	36.373	+12.339	0.75	...	...	...	34.426	-52.126	-5	...	...
...	-38.532	+47.680	-5	M	...	...	-36.340	-22.583	-3	...	...	...	-34.400	-3.485	1.00	50.9283	10.0
*	38.489	-0.838	1.00	50.9273	10.0	...	36.339	-13.115	-1	...	...	*	34.372	-31.630	0.95	51.9382	9.8
*	38.426	-34.112	1.20	51.9355	9.2	...	36.231	+14.315	0.75	...	...	...	34.346	-15.469	-3	...	...
...	38.417	+11.773	-2	...	...	...	36.211	-49.591	1.00	51.9366	10.2	...	34.333	-52.821	-5	...	...
†	38.346	-49.989	-3	...	...	...	36.199	-39.183	-5	...	...	...	34.301	-6.377	-4	...	...
55I	-38.252	-20.084	0.75	...	...	61I	-36.179	-2.111	-5	p	...	67I	-34.288	-14.997	1.00	51.9384	9.6
†	38.248	-42.556	-5	...	...	...	36.114	-34.829	0.95	51.9367	10.0	*	34.281	+2.537	1.00	50.9284	9.7
...	38.217	+28.800	-5	M	...	...	36.107	+31.031	0.80	50.9279	10.0	...	34.258	-10.888	-3	...	...
...	38.130	-20.609	0.85	...	...	...	36.090	-51.610	-2	...	...	*	34.236	+1.208	1.00	50.9285	9.7
...	38.121	-56.888	-4	...	...	...	36.071	+10.841	-4	...	...	*	34.224	-57.810	1.80	51.9379	8.8
...	-38.109	-58.625	-5	...	...	*	-35.944	-22.784	1.00	51.9369	9.6	...	-34.220	-50.624	0.85	51.9380	10.2
...	38.105	-48.841	1.00	51.9356	9.8	...	35.928	-19.769	-5	...	...	...	34.216	+59.393	-3	A	...
...	38.094	+37.511	-4	M	...	...	35.894	-22.228	1.00	51.9368	9.8	*	34.214	+58.992	1.20	49.9216	9.6
...	37.984	-20.345	-4	...	...	...	35.852	-24.927	0.75	...	...	...	34.131	+45.666	-5	M	...
...	37.866	+48.118	-4	M	...	...	35.844	-25.730	-5	...	...	...	34.044	-37.998	0.90	...	...
56I	-37.837	-32.755	-5	...	...	62I	-35.835	-5.439	-3	...	...	68I	-34.033	-5.637	1.20	51.9386	9.4
...	37.822	-0.943	0.90	50.9275	10.1	...	35.766	-26.357	-5	p	...	*	33.988	+12.371	1.10	50.9286	9.7
...	37.781	-16.532	0.70	...	...	*	35.739	-18.118	1.00	51.9372	9.6	...	33.980	+0.953	-4	...	...
*	37.707	-30.783	3.30	51.9358	7.8	...	35.699	+1.445	-5	M	...	...	33.967	-5.720	-5	...	...
*	37.692	-53.705	1.30	51.9357	9.2	...	35.677	-7.745	-5	...	...	...	33.966	+20.468	-4	M	...
...	-37.658	-49.080	-5	...	...	...	-35.645	+1.345	-5	M	...	...	-33.964	+35.242	0.90	50.9288	10.1
...	37.652	-0.560	-5	p	...	...	35.627	-14.512	-5	...	...	...	33.964	-27.128	-5	...	...
...	37.620	+2.648	-5	M	...	...	35.606	+24.280	-2	...	...	...	33.934	-50.320	-3	...	...
...	37.579	-46.565	-5	...	...	*	35.525	+21.425	1.20	50.9281	9.2	*	33.927	+54.616	2.00	50.9290	8.4
...	37.551	-42.585	-5	...	...	...	35.515	+1.383	0.70	50.9280	9.8	...	33.909	-22.025	0.85	51.9385	9.8
57I	-37.520	+21.288	-5	M	...	63I	-35.502	-21.902	-5	...	...	69I	-33.842	-20.135	-4	...	...
...	37.413	-36.284	-2	...	...	...	35.480	-51.619	-2	...	...	...	33.837	-20.981	-3	...	...
...	37.389	+17.396	-3	B	...	...	35.415	-33.486	0.75	...	...	...	33.784	-58.403	-2	...	...
...	37.326	+5.819	-5	M	...	†	35.302	-59.756	-1	51.9371	9.8	...	33.772	+20.382	0.70	...	...
...	37.239	-54.601	-5	...	...	†	35.298	-51.483	0.90	51.9370	10.0	...	33.685	-2.726	-2	50.9287	10.1
...	-37.236	+41.258	-2	...	...	...	-35.235	-21.214	-5	...	...	...	-33.637	-23.192	-4	...	...
...	37.236	-48.332	-5	...	...	...	35.218	+19.486	-4	M	...	...	33.600	-3.003	-4	...	...
...	37.217	-25.688	0.90	51.9363	10.0	n *	35.215	-45.498	1.20	51.9374	9.2	*	33.505	-19.436	1.10	51.9388	9.6
...	37.149	+11.172	-5	M	...	...	35.203	-28.178	-3	...	...	...	33.434	+7.072	-5	M	...
...	37.061	-56.921	-1	51.9360	10.2	...	35.175	+1.151	-5	M	...	...	33.416	-30.351	0.85	51.9387	9.8
58I	-37.043	+16.127	1.00	50.9277	9.8	64I	-35.131	-27.038	1.20	51.9375	9.6	70I	-33.378	+23.069	-5	M	...
*	37.039	-29.931	-2	...	...	*	35.125	-58.200	-5	p	...	...	33.222	-32.074	0.90	...	...
†	37.020	-18.426	1.05	51.9364	9.2	...	35.107	-52.933	-2	...	...	...	33.214	+33.249	-5	M	...
*	37.011	+1.236	1.00	50.9276	9.7	*	35.105	+2.064	1.40	50.9282	9.2	...	33.197	+52.486	-1	50.9292	10.0
...	36.971	-5.363	-5	...	...	n *	35.069	-45.501	1.00	51.9374	9.2	*	33.184	-9.632	1.10	51.9390	9.6
...	-36.963	-53.014	-5	...	...	...	-34.998	-29.243	-5	...	...	...	-33.174	+23.843	-1	...	...
...	36.957	-41.404	-5	...	...	...	34.983	-23.968	-2	...	...	*	33.085	-0.286	1.80	50.9289	8.6
...	36.900	-58.278	-3	...	...	...	34.970	-20.538	-5	...	...	...	33.073	+21.466	-5	M	...
...	36.889	+15.011	-5	M	...	...	34.960	-57.998	-5	...	...	...	33.030	+15.506	-1	50.9291	10.1
...	36.884	-56.280	-5	...	...	...	34.939	+41.708	-5	M	...	...	32.978	-6.528	-3	...	...
59I	-36.878	-6.281	1.00	51.9365	9.6	65I	-34.931	-34.065	-4	...	...	71I	-32.967	+45.790	1.40	50.9293	9.1
*	36.853	-31.863	-5	...	...	...	34.888	-13.367	-4	...	...	*	32.894	+37.995	-2	...	...
...	36.703	-49.801	-1	...	...	...	34.847	-14.712	-2	...	...	...	32.862	-11.203	-3	...	...
...	36.700	-7.148	0.80	...	...	...	34.799	-59.839	-4	...	...	...	32.835	+3.807	-5	M	...
...	36.697	-19.760	-5	...	...	...	34.792	-26.517	0.65	51.9377	10.2	...	32.833	-18.948	-5	...	...
...	-36.651	-53.676	1.00	51.9362	10.2	*	-34.774	-36.613	0.90	51.9376	10.0	...	-32.821	-28.576	-3	...	...
...	36.641	-50.057	-1	...	...	...	34.749	+24.767	-5	M	...	...	32.781	-15.862	-4	p	...
...	36.625	-38.754	-5	...	...	...	34.649	-59.299	-5	p	...	*	32.774	-52.576	0.95	51.9389	10.0
...	36.581	-22.019	-2	...	...	*	34.643	-16.547	1.10	51.9381	9.4	...	32.685	+46.747	-5	M	...
...	36.530	-53.452	-5	...	...	...	34.610	-40.206	-3	...	...	...	32.672	+15.751	-3	A	...

638, 645. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
721-780						781-840						841-900					
72I	-32°650	-51°969	-2	...	...	78I	-29°563	+7°661	-5	M	...	84I	-26°779	-48°838	1°00	51.9404	9.6
...	32°544	-12°348	-4	...	...	*	29°531	+51°693	1°30	50.9299	9.2	...	26°775	-18°627	-5	...	...
...	32°535	+43°488	-3	...	...	...	29°486	+1°792	-5	M	...	...	26°774	-36°116	-5	...	...
...	32°448	-54°292	-3	...	...	...	29°386	-58°770	-5	p	...	...	26°738	+49°004	0°95	50.9311	10.1
...	32°236	-17°148	0°90	51.9391	10.0	...	29°374	-28°481	-2	...	...	...	26°546	-43°392	0°80	...	...
...	-32°155	+15°727	-4	M	...	...	-29°310	-10°387	-5	...	...	...	-26°517	-56°842	-2	...	...
...	32°122	-14°348	-5	...	...	...	29°237	-0°189	0°85	...	...	...	26°500	-23°232	-5	p	...
...	32°053	+32°097	-5	M	...	...	29°045	-42°433	-4	...	...	...	26°481	-53°572	1°00	51.9407	9.8
*	32°041	+38°286	1°30	50.9295	9.2	...	28°938	-27°941	-2	...	...	†	26°385	+9°842	-3	...	...
...	32°022	-38°281	-4	...	...	...	28°882	+17°875	-5	M	...	*	26°323	+4°038	1°00	50.9310	9.7
73I	-32°004	-10°488	-5	...	...	79I	-28°849	-36°636	-2	...	...	85I	-26°260	+21°940	0°95	50.9312	10.1
...	31°997	+6°395	0°85	50.9294	10.1	...	28°815	-56°752	-1	...	...	...	26°094	-29°795	-5	p	...
...	31°945	-49°672	0°65	...	...	...	28°772	+38°737	-5	M	...	...	26°075	-31°497	-3	...	...
...	31°837	+49°216	-5	M	...	...	28°769	-37°853	-4	...	...	...	26°011	-27°028	-3	...	...
...	31°813	-12°851	-5	...	...	...	28°706	-37°881	-5	...	...	...	25°998	+45°855	0°70	...	...
...	-31°806	-9°678	-5	...	...	*	-28°727	+7°439	1°25	50.9300	9.0	...	-25°893	+34°229	-5	M	...
...	31°792	-32°491	-5	...	...	*	28°692	+37°934	1°00	50.9302	9.9	...	25°795	-27°446	-5	...	...
...	31°731	-34°650	-5	...	...	*	28°618	+21°266	1°00	50.9301	9.8	...	25°794	-27°175	-3	...	...
*	31°619	+15°629	1°00	50.9296	9.4	...	28°549	-12°400	-4	...	...	...	25°773	-36°559	0°90	51.9408	10.2
...	31°612	-20°742	-5	...	...	...	28°499	-51°745	-5	...	...	...	25°746	-34°480	-4	...	...
74I	-31°583	+5°702	-4	...	...	80I	-28°476	-27°779	-5	...	...	86I	-25°728	-55°465	-5	...	...
...	31°551	-1°187	-2	...	...	...	28°430	-34°277	0°95	51.9401	10.0	...	25°702	+36°664	-5	M	...
*	31°539	-44°195	1°00	51.9392	9.8	...	28°376	+31°722	-5	M	...	...	25°676	-19°015	-5	...	...
...	31°491	-48°545	-5	p	...	S *	28°355	+41°544	2°20	50.9304	7.9	...	25°653	-48°392	-2	...	...
*	31°377	-24°800	1°30	51.9394	9.2	...	28°330	-55°425	-2	...	...	...	25°645	-20°826	-3	...	...
...	-31°359	+4°815	-4	M	...	...	-28°316	-42°955	-5	...	...	...	-25°571	+15°252	-4	...	...
...	31°336	+8°214	0°80	...	...	...	28°249	-45°189	0°90	...	...	...	25°570	-49°015	-5	...	...
...	31°248	-15°946	-3	...	...	...	28°225	+54°965	1°00	50.9305	9.9	...	25°568	+34°400	-5	M	...
...	31°188	-55°609	-5	...	...	*	28°134	+15°409	1°00	50.9303	9.8	...	25°540	-58°711	-5	...	...
*	31°167	-39°812	1°50	51.9393	9.2	...	28°071	-52°395	-5	...	...	*	25°514	+25°261	1°00	50.9313	9.8
75I	-31°120	-18°448	1°00	51.9397	9.8	81I	-28°068	-14°245	-5	...	...	87I	-25°513	-16°418	-5	...	...
...	31°081	-48°557	-4	...	...	...	28°055	+50°577	-5	M	...	...	25°507	+22°615	-4	M	...
*	31°055	-31°632	1°10	51.9395	9.6	...	27°968	-27°840	-5	...	...	...	25°478	-42°667	0°90	...	...
...	31°020	+29°356	-2	...	...	...	27°873	-31°417	-4	...	...	...	25°460	+17°321	-5	M	...
...	30°973	+13°522	-3	B	...	...	27°858	-31°280	-5	...	...	*	25°457	+53°285	1°15	50.9316	9.4
...	-30°920	-37°920	0°80	51.9396	9.8	...	-27°856	-40°831	-4	...	...	...	-25°416	+14°159	-5	M	...
*	30°906	+5°971	1°00	50.9297	9.7	*	27°819	+51°767	1°00	50.9306	9.6	†	25°335	-52°550	-3	...	...
...	30°905	-49°346	-3	...	...	...	27°743	-47°923	1°00	51.9402	10.2	†	25°293	-57°703	-5	...	...
...	30°828	-37°961	-3	...	...	...	27°712	+25°038	-5	M	...	...	25°267	-15°749	-5	...	...
...	30°824	-31°560	-3	...	...	...	27°674	-19°630	-5	...	...	...	25°213	-34°747	-5	...	...
76I	-30°809	-28°368	-4	...	...	82I	-27°588	-54°361	-5	...	...	88I	-25°169	+51°579	-5	M	...
...	30°764	-25°653	-4	...	...	...	27°556	-3°342	-5	...	...	*	25°169	-2°720	1°20	50.9314	9.6
...	30°758	-32°894	-1	51.9399	10.0	...	27°355	+23°796	-5	...	...	...	25°152	-40°507	-4	...	...
...	30°729	-6°966	-4	...	...	...	27°341	-50°740	-5	...	...	...	25°071	-11°963	-3	...	...
*	30°722	-42°587	1°30	51.9398	9.4	...	27°326	-18°430	-3	...	...	...	24°999	+7°863	-5	M	...
...	-30°694	-28°730	-3	...	...	...	-27°271	+50°020	1°00	50.9309	9.6	*	-24°916	-24°778	1°40	51.9409	9.2
...	30°560	-30°202	-3	...	...	*	27°271	-7°017	1°00	51.9405	9.8	...	24°897	+25°218	-5	M	...
...	30°542	-30°039	-5	...	...	...	27°200	-58°032	-5	p	...	...	24°888	+51°579	-4	...	...
...	30°500	-9°760	-5	...	...	...	27°169	-55°125	-5	...	...	...	24°857	-7°832	-3	...	...
...	30°378	+35°316	-5	M	...	...	27°138	-58°273	-5	...	...	...	24°852	+1°989	-5	M	...
77I	-30°270	-50°296	-2	...	...	83I	-27°130	-40°138	-4	...	...	89I	-24°851	+2°410	1°00	50.9315	9.6
†	30°260	+35°979	-5	M	...	...	27°110	-18°485	-2	51.9406	10.2	...	24°817	-21°784	-5	...	...
...	30°050	+34°188	-5	M	...	...	27°072	-29°602	-5	...	...	...	24°735	-26°973	-5	...	...
...	29°915	-46°589	-2	...	...	...	27°011	+3°149	-1	50.9307	9.9	...	24°721	-59°129	-5	p	...
...	29°895	+27°315	-2	...	...	...	26°932	-54°713	0°95	...	...	...	24°686	-54°744	-3	...	...
...	-29°853	-27°321	-3	...	...	...	-26°923	-46°576	-4	...	...	...	-24°653	+6°831	-4	M	...
...	29°852	-52°431	-5	...	...	*	26°909	+10°637	1°00	50.9308	9.6	...	24°516	-42°131	-5	p	...
...	29°670	+0°876	1°00	50.9298	10.0	...	26°823	-14°389	-4	...	...	...	24°508	-38°922	-5	...	...
*	29°656	-37°002	1°40	51.9400	9.0	...	26°821	+36°577	-5	M	...	*	24°458	-42°672	1°10	51.9410	9.2
...	29°567	-46°590	-2	...	...	...	26°781	+2°927	-4	...	...	...	24°399	-42°797	0°85	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
901-960						961-1020						1021-1080					
90I	-24.383	-14.620	-3	...	...	96I	-21.933	+22.906	-3	...	...	102I	-19.911	-59.688	1.10	51.9432	9.6
...	24.354	-18.810	-3	...	...	...	21.869	+26.912	-3	...	...	...	19.907	+31.014	0.95	50.9328	10.1
...	24.322	-28.668	-4	...	...	...	21.799	-31.819	-5	...	...	...	19.890	-56.251	-3	...	...
...	24.281	-45.287	-2	...	...	...	21.766	+20.976	-5	M	...	...	19.859	-12.672	1.00	...	...
...	24.266	-51.334	-5	...	...	...	21.692	-31.127	-2	...	...	...	19.751	-7.524	0.70	51.9440	10.0
...	-24.215	-58.413	-3	...	...	*	-21.686	-21.917	1.00	51.9419	9.4	...	-19.750	+9.731	-2	50.9327	10.1
...	24.202	-41.318	0.80	51.9411	10.2	*	21.643	-19.414	1.50	51.9421	9.0	...	19.717	-35.274	0.90	51.9437	10.2
...	24.170	+17.807	-5	M	...	...	21.598	-0.008	-5	...	...	...	19.704	-26.217	-3	...	...
*	24.155	-45.913	1.50	51.9412	8.8	...	21.590	-53.361	-4	...	...	...	19.683	-37.598	0.80	51.9439	10.2
*	24.152	+33.211	1.00	50.9317	9.7	...	21.582	-23.703	0.90	51.9424	9.8	...	19.652	-39.420	-2	...	...
91I	-24.073	-41.341	-3	...	...	97I	-21.553	-56.688	-5	...	...	103I	-19.648	-34.917	0.75	51.9438	10.0
...	24.029	-1.359	-2	...	...	...	21.544	+4.633	1.80	50.9324	8.8	...	19.645	-11.393	-5	...	...
...	23.920	-46.572	-3	...	...	...	21.535	-37.693	-2	...	...	...	19.608	-24.913	-2	...	...
...	23.901	-22.627	-4	...	...	*	21.502	-16.016	1.80	51.9425	8.6	...	19.597	-32.660	-5	...	...
...	23.824	-51.943	-4	...	...	*	21.417	-56.145	0.90	51.9418	9.8	...	19.569	-6.055	1.00	51.9443	10.0
...	-23.800	-19.001	-5	...	...	...	-21.381	-38.306	-5	...	...	...	-19.557	-47.739	-5	...	...
...	23.765	-52.399	-4	...	...	*	21.376	-42.556	1.20	51.9420	9.4	...	19.498	-15.696	0.75	51.9445	10.2
...	23.762	+33.318	-4	...	...	...	21.341	-58.542	-5	...	...	...	19.479	-39.721	-5	p	...
...	23.743	+33.135	-5	M	...	...	21.333	-37.591	-2	...	...	...	19.415	-46.311	-3	...	...
...	23.679	+8.559	-3	...	...	*	21.320	-58.171	2.30	51.9417	8.0	...	19.400	-7.314	-4	...	...
92I	-23.676	-6.567	-2	...	...	98I	-21.313	-35.941	1.40	51.9422	9.6	104I	-19.378	+6.823	-3	B	...
*	23.587	+40.432	1.20	50.9319	9.6	...	21.240	-7.392	-1	51.9427	10.0	n	19.341	-15.192	-1	51.9446	10.0
†	23.567	-49.946	-4	...	...	*	21.174	-45.738	1.60	51.9426	8.8	†	19.337	-45.017	0.90	51.9441	10.0
...	23.548	-43.638	-5	...	...	...	21.163	-57.457	-4	...	...	...	19.314	+27.365	-5	M	...
...	23.500	-58.106	-3	...	...	...	21.151	-44.186	-3	...	...	...	19.311	+1.283	1.00	50.9329	9.8
...	-23.464	-34.154	-3	...	...	...	-21.122	-15.909	-5	...	...	*	-19.250	-46.243	1.00	51.9442	9.6
...	23.460	+11.957	0.80	50.9318	10.0	...	21.106	-40.814	-5	p	...	...	19.169	+27.109	-5	...	...
...	23.323	+8.886	-4	M	...	...	21.082	+4.607	-5	M	...	n	19.141	-15.336	-2	51.9446	10.0
...	23.228	-52.261	-4	...	...	...	21.072	-48.477	-4	...	...	...	19.102	-17.665	-5	...	...
...	23.145	+59.129	-3	...	...	...	21.037	+3.157	-4	...	...	...	19.089	-10.256	0.90	51.9447	9.8
93I	-23.139	+8.625	-5	M	...	99I	-21.015	-57.885	0.90	...	...	105I	-18.992	-47.411	-5	...	...
...	23.116	-45.728	-5	...	...	*	20.991	+57.147	1.40	49.9255	9.6	*	18.979	-52.620	1.00	51.9444	9.8
...	23.112	+31.649	0.90	50.9320	9.8	...	20.893	-24.135	-5	...	...	...	18.939	+4.971	-5	M	...
...	23.005	-31.176	-2	...	...	...	20.850	-37.476	-5	...	...	...	18.874	+24.139	0.90	50.9330	10.1
...	22.963	-41.483	-5	...	...	...	20.783	-17.577	-3	...	...	...	18.842	-31.432	-3	...	...
...	-22.960	-13.594	-4	...	...	...	-20.767	-38.894	0.90	51.9428	10.0	...	-18.776	-45.230	-4	...	...
...	22.955	-1.685	-5	p	...	...	20.738	-56.459	-5	p	...	...	18.773	-29.649	0.75	51.9448	10.2
...	22.893	-58.130	-5	...	...	...	20.677	-44.184	-1	51.9429	10.2	...	18.754	-46.862	-5	...	...
*	22.886	-48.331	1.30	51.9414	9.4	...	20.650	+8.568	-3	B	...	...	18.748	-25.341	-2	...	...
...	22.877	-58.774	-3	...	...	...	20.612	-46.120	-3	...	...	...	18.649	-50.057	-4	...	...
94I	-22.874	+13.162	-2	50.9321	10.1	100I	-20.572	-58.734	-4	...	...	106I	-18.557	+56.160	-5	M	...
...	22.807	+21.324	-2	...	...	...	20.538	-57.393	-3	...	...	...	18.520	-31.840	-2	...	...
...	22.792	-50.865	-1	...	...	...	20.515	-39.188	-5	...	...	...	18.434	-42.687	-5	...	...
*	22.752	+57.057	1.90	49.9253	8.6	...	20.466	-39.850	-5	...	...	...	18.423	+37.518	-5	M	...
...	22.750	-57.090	-5	...	...	...	20.426	-58.254	-3	...	...	*	18.417	+12.106	1.05	50.9331	9.3
...	-22.738	-13.691	-4	...	...	†	-20.400	-24.790	-2	...	...	...	-18.403	-22.303	-3	...	...
...	22.736	-19.836	-3	...	...	†	20.323	+19.248	1.00	50.9326	9.4	...	18.375	-25.048	0.70	...	...
...	22.724	-55.751	-5	...	...	†	20.310	-2.203	1.00	50.9325	9.6	...	18.300	+1.894	-5	M	...
†	22.627	+59.753	-4	...	...	†	20.272	-8.999	-5	...	...	...	18.300	-0.332	-5	...	...
*	22.614	-47.881	1.30	51.9415	9.4	*	20.180	-27.878	1.00	51.9435	9.6	...	18.278	+47.484	-5	M	...
95I	-22.541	-43.811	1.30	51.9416	9.4	101I	-20.149	-59.665	-5	...	...	107I	-18.260	-43.694	-5	...	...
*	22.471	-48.082	-3	...	...	*	20.140	-46.030	1.10	51.9431	9.6	...	18.184	+6.284	-3	...	...
...	22.390	+19.561	-3	...	...	*	20.121	-44.194	0.95	51.9430	9.8	...	18.112	-4.184	-5	...	...
*	22.332	+19.444	1.30	50.9322	8.9	...	20.096	-45.375	-5	...	...	...	17.987	+59.616	-5	M	...
...	22.222	-28.110	-4	...	...	...	20.077	+46.952	-5	...	...	...	17.982	+40.450	-3	B	...
†	-22.141	-10.083	-4	...	...	*	-20.042	-40.156	1.00	51.9436	9.8	...	-17.977	+2.828	-4	M	...
*	22.105	+21.104	1.20	50.9323	9.2	...	20.040	-18.676	-3	...	...	...	17.883	-42.142	-5	...	...
...	22.049	-39.799	-1	...	...	...	20.015	-56.197	0.95	51.9434	9.8	...	17.763	+0.199	-5	M	...
...	22.020	-47.466	-5	...	...	...	19.983	-44.019	-5	p	...	...	17.760	-58.939	-4	...	...
...	22.010	+3.893	-3	...	...	...	19.970	-38.976	0.85	...	...	...	17.748	-28.896	-5	...	...

1042, 1048. C.P.D., probably mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1081-1140						1141-1200						1201-1260					
IO8I	-17°698	-31°830	-2	°	...	II4I	-14°947	-52°824	-4	°	...	I20I	-12°306	-54°315	-5	°	...
...	17°690	-43°021	-2	...	...	...	14°920	-45°809	1°90	51.9456	8.6	...	12°276	+37°155	0°90	50.9349	9.8
...	17°674	-35°785	-2	...	...	...	14°912	-50°338	-4	...	...	...	12°249	-24°200	-2	...	...
...	17°643	-35°246	-4	...	...	*	14°904	-2°113	1°00	50.9337	9.7	...	12°161	-25°862	-5	...	...
...	17°521	-11°085	-4	...	...	...	14°858	-35°414	-2	...	...	...	12°160	+33°285	-5	M	...
*	-17°427	-39°583	1°00	51.9450	9.6	...	-14°828	-52°757	-3	...	...	...	-12°153	+50°364	-3	...	...
*	17°426	-54°512	1°60	51.9449	8.8	*	14°756	+32°043	1°10	50.9338	9.6	...	12°145	-39°048	-3	...	...
...	17°351	+33°740	-3	...	...	*	14°688	-54°046	1°20	51.9458	9.6	...	12°088	-38°098	-2	...	...
...	17°287	-41°731	-5	...	...	...	14°676	-31°946	-3	...	...	...	12°064	+32°352	-4	...	...
...	17°276	-52°029	-2	...	...	*	14°637	+47°574	1°50	50.9339	9.2	...	12°034	-42°900	-1	...	...
IO9I	-17°230	+37°017	-5	M	...	II5I	-14°490	+5°045	-5	M	...	I21I	-12°022	+48°509	-1	...	...
+	17°219	-29°985	1°00	51.9451	9.8	...	14°436	-56°712	1°00	51.9459	9.8	...	12°013	+22°404	-4	M	...
+	17°212	+39°855	0°85	50.9332	10.1	...	14°366	-55°182	-3	...	...	*	11°990	+35°994	1°90	50.9351	8.6
...	17°192	-34°337	-5	...	...	...	14°332	-22°408	-1	...	...	*	11°978	+12°595	1°60	50.9350	9.1
...	17°184	+27°423	0°85	...	...	...	14°316	-39°527	-5	p	...	...	11°920	-43°368	-2	...	...
...	-17°155	+54°403	-5	M	...	*	-14°270	+18°829	1°20	50.9340	9.6	...	-11°906	-21°093	-2	...	...
*	17°034	+36°419	1°30	50.9333	8.9	...	14°241	+20°509	-4	M	...	...	11°874	+54°653	-5	M	...
...	17°034	-13°891	-5	...	...	...	14°221	-25°964	-2	...	...	...	11°853	-57°131	-5	p	...
...	17°029	-39°264	-3	...	...	...	14°141	-11°937	-5	...	...	...	11°850	-21°556	-4	...	...
...	16°970	-16°923	-5	...	...	...	14°030	-17°787	-5	p	...	...	11°833	-57°444	-3	...	...
II0I	-16°948	-37°276	1°00	51.9452	9.6	II6I	-14°016	-6°145	1°00	51.9462	9.8	I22I	-11°755	-40°504	-4	...	...
...	16°945	-33°075	-5	...	...	...	13°992	-53°446	-3	...	...	...	11°648	-34°576	-5	...	...
...	16°892	+7°560	-4	...	...	...	13°990	+51°854	1°00	50.9342	9.7	*	11°634	-38°531	1°00	51.9468	9.8
...	16°857	+10°303	-2	...	...	...	13°956	-18°122	-5	...	...	...	11°624	-14°950	-5	...	...
...	16°823	-18°699	-5	...	...	...	13°812	+5°862	0°90	50.9341	9.9	...	11°577	-28°233	-3	...	...
...	-16°740	-16°739	-5	...	...	...	-13°789	-36°886	0°75	51.9461	10.2	...	-11°511	-26°778	-2	...	...
...	16°736	-43°546	-5	...	...	*	13°660	+27°010	1°00	50.9344	9.7	...	11°502	-42°192	-5	...	...
...	16°703	-39°446	-4	...	...	...	13°599	-55°259	-5	...	...	...	11°470	+12°336	-4	M	...
...	16°618	-55°349	-5	...	...	...	13°574	-46°143	1°00	51.9463	9.8	...	11°450	-44°076	-5	...	...
...	16°505	-51°458	-5	p	...	...	13°535	+38°165	-5	M	...	*	11°442	+33°603	1°00	50.9352	9.7
IIII	-16°401	+36°596	-4	...	...	II7I	-13°525	+11°963	0°90	50.9343	9.8	I23I	-11°431	-18°078	1°10	51.9469	9.6
...	16°400	-34°763	-3	...	...	...	13°445	-53°034	-4	...	...	...	11°369	-59°007	-4	...	...
...	16°394	+9°751	-3	...	...	*	13°374	-47°737	1°00	51.9464	9.8	...	11°320	-18°482	-5	p	...
...	16°318	-48°667	-5	...	...	...	13°369	-23°856	-4	...	...	...	11°175	-42°950	0°80	51.9471	10.0
...	16°244	-53°789	-4	...	...	...	13°334	-23°510	-5	...	...	...	11°163	-9°757	-5	...	...
...	-16°213	-26°654	-5	...	...	...	-13°257	-46°998	-4	...	...	...	-11°147	-47°958	-5	...	...
...	16°174	+39°552	-5	M	...	...	13°239	-19°363	-5	...	...	...	11°143	-13°392	-5	...	...
...	16°169	+54°501	-5	M	...	...	13°101	+58°776	-5	M	...	...	11°111	-42°327	0°75	51.9470	10.0
*	16°157	+50°064	1°05	50.9335	9.6	...	13°089	+13°399	-2	...	...	...	11°009	+55°805	0°85	50.9353	10.1
...	16°128	-53°900	-5	...	...	...	13°038	+15°412	-1	50.9345	10.1	...	11°007	-43°339	-5	...	...
II2I	-15°980	+18°765	1°00	50.9334	9.7	II8I	-12°981	-44°451	-1	...	...	I24I	-10°963	+18°176	-5	M	...
...	15°959	+19°089	-5	M	...	...	12°960	-33°405	0°90	51.9466	10.0	...	10°919	-42°970	-4	...	...
...	15°874	-50°636	0°95	51.9453	9.6	...	12°950	-42°047	-4	...	...	*	10°848	-56°935	1°00	51.9472	9.8
...	15°873	-13°098	-5	...	...	...	12°921	-39°689	-3	...	...	...	10°837	-20°835	-3	...	...
...	15°865	-41°047	-5	...	...	...	12°882	+42°326	0°95	50.9347	9.8	...	10°791	+30°019	-4	...	...
...	-15°818	-28°697	-5	...	...	...	-12°817	-20°106	-3	...	...	...	-10°677	-34°631	-5	...	...
...	15°699	-7°315	-4	...	...	...	12°816	-25°523	-5	...	...	...	10°574	-41°289	-3	...	...
*	15°606	+43°947	1°00	50.9336	9.8	...	12°794	-58°155	-2	...	...	...	10°548	-28°567	0°90	51.9474	9.8
...	15°605	-46°742	0°75	...	...	...	12°750	+7°019	-2	50.9348	10.1	...	10°509	-41°389	-4	p	...
...	15°591	-39°680	-5	...	...	...	12°730	+3°129	-5	M	...	...	10°486	-50°609	-2	...	...
II3I	-15°458	-32°408	1°00	51.9455	9.8	II9I	-12°725	-55°615	-4	...	...	I25I	-10°472	-27°242	-3	...	...
+	15°279	+4°969	-4	...	...	...	12°723	+6°046	-2	50.9346	10.1	...	10°454	-42°627	0°90	51.9475	10.0
+	15°243	-28°259	-3	...	...	...	12°717	+31°259	-1	...	...	+	10°434	-44°694	-3	...	...
...	15°177	-58°132	-5	...	...	...	12°668	-39°647	-5	...	...	+	10°349	-41°720	-5	...	...
...	15°168	-38°136	-5	...	...	...	12°614	+44°435	-3	...	...	...	10°270	-26°054	-5	...	...
...	-15°156	-39°218	-3	...	...	...	-12°594	+3°385	-2	...	...	...	-10°233	+57°830	-3	...	...
...	15°113	-49°251	-5	...	...	*	12°589	-43°197	1°00	51.9467	9.6	S *	10°223	-31°757	1°55	51.9476	8.8
...	15°098	-34°528	0°85	51.9457	10.2	...	12°498	+28°221	-5	M	...	...	10°166	-58°342	-5	...	...
...	15°058	-56°446	-1	...	...	...	12°479	-0°953	-5	p	...	...	10°166	-31°491	-5	...	...
...	14°986	-50°138	-4	...	...	...	12°439	+58°283	-5	M	...	...	10°075	-32°010	-1	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1261-1320						1321-1380						1381-1440					
I26I						I32I						I38I					
...	-10.047	-58.527	-5	...	...	...	-7.302	-36.269	0.90	...	...	...	-4.797	-31.586	-5	p	...
*	9.989	+41.542	I.10	50.9354	9.6	...	7.302	-41.844	-5	...	...	...	4.794	-31.359	-3	...	...
...	9.987	+46.720	-2	...	...	...	7.278	-55.236	-5	...	...	...	4.675	-51.731	-3	...	...
...	9.939	-47.154	-5	...	...	...	7.260	-55.605	-5	...	...	*	4.673	-55.995	I.80	51.9496	9.0
...	9.884	-35.724	-5	...	...	...	7.259	-44.071	-5	...	...	...	4.668	-28.375	-4	...	...
...	-9.864	+46.686	-5	M	...	...	-7.043	+38.912	-2	...	...	*	-4.650	+18.532	I.90	50.9365	9.0
...	9.830	+31.408	-4	...	...	...	7.038	-34.063	-5	...	...	...	4.642	-44.262	-5	...	...
...	9.778	-54.756	-1	...	...	...	6.997	-50.736	-2	...	...	†	4.577	+54.741	I.30	50.9366	9.6
...	9.708	-38.454	-5	...	...	...	6.981	-50.706	-2	...	...	...	4.449	+1.418	0.90	50.9367	10.0
...	9.668	-50.281	-5	...	...	...	6.918	-52.947	0.95	...	...	...	4.393	+21.813	-4	M	...
I27I						I33I						I39I					
...	-9.532	-47.536	-5	...	...	...	-6.890	-43.890	-5	...	...	...	-4.392	-57.134	-2	...	...
...	9.506	+1.639	-1	...	...	...	6.820	-56.278	-3	...	...	*	4.213	-35.426	I.20	51.9497	10.0
...	9.388	+49.430	-5	M	...	*	6.798	-50.624	I.00	51.9487	10.0	...	4.173	+14.516	-3	...	...
...	9.382	-37.132	-4	...	...	...	6.794	-46.230	0.80	...	...	...	4.127	-33.881	-5	...	...
...	9.291	-50.276	-5	...	...	...	6.723	-4.368	-5	...	...	*	4.120	-40.386	0.95	...	...
...	-9.270	+35.931	0.90	50.9355	10.1	...	-6.699	-40.471	-5	...	...	...	-4.054	-37.109	-3	...	...
...	9.237	-31.267	-5	p	...	*	6.687	-23.275	I.00	51.9489	10.0	...	3.903	-33.362	-5	...	...
...	9.198	-47.416	-5	...	...	...	6.651	-38.284	-2	...	...	...	3.898	+32.666	-5	M	...
...	9.120	-55.094	-5	...	...	*	6.631	-45.536	I.00	51.9488	10.0	*	3.822	+35.516	I.00	50.9368	10.0
...	9.098	+21.657	I.00	50.9356	9.8	...	6.545	+54.663	-2	...	...	...	3.687	+50.193	-5	M	...
I28I						I34I						I40I					
...	-9.069	+15.917	-5	M	...	...	-6.475	+6.783	-5	M	...	...	-3.684	+56.528	-3	...	...
...	9.065	-25.738	-5	...	...	...	6.458	-24.154	-5	...	...	...	3.678	-43.146	-5	...	...
...	9.033	+43.784	-4	M	...	*	6.431	-58.428	I.00	...	...	...	3.666	-21.374	-4	...	...
...	8.979	-47.265	-5	...	...	...	6.418	-53.222	-4	...	...	*	3.656	-48.659	I.60	51.9498	9.2
...	8.971	+13.596	-2	...	...	*	6.411	-57.632	I.40	51.9490	9.0	...	3.637	-39.383	-5	...	...
*	-8.942	+19.998	I.10	50.9357	9.4	...	-6.406	-16.858	-2	...	...	...	-3.597	+30.700	-2	...	...
...	8.847	-34.811	-5	p	...	*	6.404	-11.817	2.00	51.9491	9.0	...	3.597	-27.103	I.00	51.9499	10.0
...	8.839	-39.289	-1	...	...	...	6.341	+4.712	-5	...	...	...	3.518	+46.167	-4	M	...
...	8.821	-42.120	-2	...	...	...	6.330	-10.511	-5	...	...	...	3.507	+56.684	-3	...	...
...	8.751	-49.865	0.75	...	...	...	6.328	-58.807	-5	...	...	...	3.381	+44.973	-4	M	...
I29I						I35I						I41I					
...	-8.736	+44.369	-5	M	...	...	-6.217	+7.718	-1	50.9361	10.1	*	-3.350	-31.797	I.10	51.9500	10.0
...	8.698	-36.377	-5	...	...	...	6.178	-45.854	0.90	...	...	...	3.268	-41.582	-1	...	...
*	8.655	-56.670	I.00	51.9477	9.6	...	6.170	-15.317	I.00	...	...	...	3.246	-53.287	-4	...	...
...	8.539	-44.129	-5	...	...	...	6.069	-54.776	-3	...	...	...	3.223	+56.101	0.90	...	...
...	8.431	+58.732	-1	...	...	*	5.963	-48.108	I.00	51.9492	10.0	*	3.160	+32.398	I.40	50.9369	9.6
...	-8.368	+36.802	0.85	50.9359	10.1	...	-5.933	+46.315	-5	M	...	...	-3.116	-49.187	0.90	51.9501	10.0
*	8.180	+7.117	I.60	50.9358	9.2	...	5.902	-54.501	-5	...	...	*	3.102	-18.261	I.20	51.9502	9.8
...	8.153	-36.770	0.90	51.9478	10.0	...	5.881	-42.878	-4	...	...	...	3.063	-38.038	-5	...	...
*	8.059	-38.583	I.40	51.9480	9.2	...	5.879	-34.767	-5	p	...	*	3.042	+29.204	3.00	50.9370	8.0
...	8.059	-46.231	-5	...	...	*	5.796	-56.044	I.10	51.9493	9.4	...	2.996	-43.677	-5	...	...
I30I						I36I						I42I					
*	-8.057	+52.991	I.80	50.9360	8.8	...	-5.781	-39.224	-5	...	...	...	-2.996	-3.635	0.90	...	...
...	8.032	-48.934	-5	...	...	...	5.761	-6.906	0.95	...	...	...	2.992	-49.279	-4	...	...
...	8.029	-34.262	-5	...	...	...	5.667	+25.583	0.95	50.9362	10.1	...	2.985	-32.386	-5	...	...
*	8.029	-55.030	I.00	51.9479	9.8	...	5.616	-21.204	-5	...	...	...	2.793	-58.100	-4	...	...
*	8.028	-58.132	I.20	51.9481	9.2	...	5.611	-40.367	I.00	...	...	...	2.681	-56.629	0.75	...	...
...	-7.951	-28.698	-5	...	...	*	-5.550	-50.301	I.00	51.9494	10.0	...	-2.666	+43.621	0.70	...	...
*	7.921	-53.036	I.15	51.9482	9.4	†	5.450	-43.810	-2	...	...	*	2.635	-58.412	I.00	51.9504	9.8
*	7.881	-4.625	I.60	51.9484	9.2	†	5.422	+41.566	-3	...	...	...	2.632	+5.445	-3	Bm	...
...	7.876	+31.131	-4	...	...	†	5.328	+8.593	I.30	50.9363	9.4	...	2.626	-19.614	-2	...	...
...	7.843	-49.777	-5	p	...	†	5.276	-24.044	-3	...	...	...	2.558	+57.996	0.90	...	...
I31I						I37I						I43I					
*	-7.749	-51.226	I.20	51.9483	9.2	S †	-5.272	+29.062	3.10	50.9364	7.8	...	-2.540	-47.910	-5	p	...
...	7.738	-56.575	-5	...	...	*	5.251	-24.139	I.20	51.9495	9.8	*	2.499	-38.510	I.10	51.9505	10.0
...	7.734	-50.926	-2	...	...	...	5.176	-5.871	-3	...	...	...	2.497	-53.013	-5	p	...
...	7.703	-58.124	-2	...	...	...	5.148	-36.693	-3	...	...	...	2.483	-58.564	-3	...	...
...	7.681	-49.134	-3	...	...	...	5.048	-45.126	-3	...	...	...	2.405	-16.759	-1	...	...
...	-7.657	-21.504	I.00	51.9485	10.0	...	-5.002	+18.381	0.80	...	...	...	-2.396	-11.067	-4	...	...
†	7.622	-29.956	I.00	51.9486	10.0	...	4.925	-35.454	-3	...	...	...	2.340	-35.793	-5	...	...
...	7.525	+43.638	-5	M	...	...	4.909	-37.689	0.65	...	...	...	2.260	+4.257	-3	M	...
...	7.443	+42.266	-4	...	...	...	4.906	+30.264	-4	...	...	...	2.217	+24.453	0.90	50.9371	10.0
...	7.335	-27.854	-5	...	...	...	4.813	-9.691	-1	...	...	...	2.175	-50.445	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1441-1500						1501-1560						1561-1620					
I44I	-2°122	+57°739	-3	°		I50I	+0°873	+12°948	1°35	50.9375	9.6	I56I	+3°633	-26°644	-5	ϕ	
...	2°113	-54°577	0°90	...	...	...	0°979	+23°990	-3	...	...	n *	3°682	+5°191	2°10	50.9379	8.2
...	2°111	-10°340	-3	...	...	...	1°051	-49°771	0°70	...	...	...	3°683	-51°078	-1	...	...
...	2°085	-50°895	-5	...	...	...	1°144	+41°561	-4	...	...	...	3°726	+11°106	-5	m	...
...	2°020	-26°702	-4	...	...	...	1°144	+6°490	-5	Mm	...	...	3°791	-39°306	-4	...	...
...	-1°997	-47°024	-3	...	...	...	+1°153	-6°588	-5	...	...	...	+3°800	-23°201	0°95	...	...
...	1°938	-33°352	-5	...	...	...	1°158	-51°695	0°80	...	...	...	3°829	-37°108	0°75	...	...
...	1°879	-32°875	-3	...	...	...	1°330	+2°727	-5	Mm	...	...	3°844	-38°381	0°90	...	...
...	1°829	-54°090	-3	...	...	...	1°341	-47°808	-4	...	...	...	3°865	-52°066	0°75	...	...
...	1°798	+2°953	0°85	...	...	...	1°454	-40°382	0°90	...	...	n *	3°944	+5°131	1°50	50.9379	8.2
I45I	-1°668	-31°871	-4	...	...	I51I	+1°483	-54°516	-5	...	...	I57I	+3°947	+48°765	-5	m	...
*	1°504	-47°576	1°80	51.9506	9.0	...	1°519	-57°851	-4	...	...	...	3°992	-45°399	-5	...	...
...	1°496	-59°846	-4	...	...	...	1°545	-36°213	-3	...	...	...	4°033	-19°337	-5	ϕ	...
...	1°291	-38°685	-5	...	...	...	1°720	-50°600	-3	...	...	...	4°036	-50°892	-4	...	...
*	1°277	+32°011	1°80	50.9372	9.0	...	1°736	-48°228	-4	...	...	...	4°038	-47°056	-2	...	...
...	-1°196	+27°140	-3	m	...	...	+1°763	-39°659	-4	...	...	*	+4°066	+56°120	1°05	50.9380	9.9
...	1°107	-36°362	-3	...	...	...	1°826	-46°346	-4	...	...	...	4°073	-35°811	-5	...	...
...	1°100	-31°232	-3	...	...	...	1°854	-46°880	0°90	...	...	*	4°123	-6°569	1°35	51.9517	9.4
...	0°991	+58°422	-5	Mm	...	...	1°879	-36°841	0°80	...	...	...	4°188	+11°456	0°95	...	...
...	0°975	-32°348	-1	...	...	...	1°902	-50°823	-3	...	...	...	4°205	-57°812	-5	...	...
I46I	-0°970	-47°392	-5	...	...	I52I	+1°947	-53°372	0°90	...	...	I58I	+4°224	-25°398	0°90	...	...
*	0°857	-58°862	1°10	51.9508	10.0	...	2°044	-3°127	-2	...	...	...	4°233	-26°166	0°90	...	...
...	0°852	+20°084	-4	Mm	...	...	2°054	-50°172	-5	...	...	*	4°268	-39°801	1°00	51.9518	9.6
...	0°849	-19°614	-4	...	...	...	2°130	-56°791	-4	...	...	...	4°300	+45°793	-5	m	...
...	0°839	-57°511	-5	...	...	...	2°150	-56°998	-4	...	...	...	4°486	-1°110	-5	...	...
...	-0°838	-3°922	-5	...	...	...	+2°216	-55°703	0°90	...	...	†	+4°556	-40°020	-5	...	...
...	0°727	+41°581	-5	Mm	...	...	2°254	-50°559	-4	...	...	S †	4°655	-43°123	1°95	51.9519	8.6
...	0°636	-46°613	-3	...	...	*	2°258	-34°631	1°35	51.9512	9.2	...	4°708	-25°197	-4	...	...
...	0°606	+34°356	1°00	...	...	...	2°310	-41°220	-5	...	...	...	4°866	-40°356	-1	...	...
*	0°596	+50°749	1°80	50.9373	9.0	*	2°313	-43°172	1°00	51.9513	10.0	*	4°871	-26°862	1°00	51.9520	9.8
I47I	-0°565	-0°124	-1	...	...	I53I	+2°413	-41°350	-3	...	...	I59I	+4°920	-59°164	7°5	...	...
†	0°550	-25°633	-4	...	...	...	2°473	+59°050	1°05	49.9305	9.8	*	4°962	-45°446	0°90	...	...
...	0°525	+1°431	-4	Mm	...	...	2°533	-47°451	-5	...	...	...	4°994	-25°749	-2	...	...
...	0°508	+46°246	-4	Mm	...	*	2°556	-56°245	1°20	51.9514	9.4	*	5°023	-55°293	1°00	51.9522	10.0
†	0°410	+54°435	0°90	...	...	...	2°589	-58°879	-5	...	...	*	5°067	-52°249	1°30	51.9521	9.6
†	-0°395	-53°017	-5	...	...	...	+2°600	+41°217	0°80	...	...	...	+5°096	-50°249	-3	...	...
†	0°361	+41°073	-5	M	...	*	2°625	+9°207	1°70	50.9376	9.0	...	5°133	-17°909	-4	...	...
...	0°301	-52°026	0°95	...	...	...	2°637	-47°042	-5	ϕ	...	†	5°247	+9°844	0°80	...	...
...	0°273	-58°733	-5	...	...	...	2°710	-58°730	-5	ϕ	...	*	5°255	-26°374	0°95	51.9523	10.0
...	0°233	-51°327	-5	...	...	*	2°789	-32°600	1°20	...	...	...	5°272	+12°638	-3	...	...
I48I	-0°174	+52°885	1°40	50.9374	9.2	I54I	+2°801	-32°459	1°00	51.9515	9.2	I60I	+5°301	-58°497	-3	...	...
*	0°158	-35°843	-5	ϕ	...	...	2°815	-56°065	-5	...	...	...	5°314	-40°504	-5	...	...
...	-0°052	-24°416	1°00	51.9509	10.0	*	2°866	+39°739	1°00	50.9377	9.8	...	5°402	-15°607	-3	...	...
...	+0°019	-32°084	1°00	...	...	...	2°933	-55°878	-5	ϕ	...	*	5°414	+42°584	1°00	50.9381	10.0
...	0°034	-36°435	-3	...	...	...	2°996	+21°574	-5	m	...	...	5°433	-42°986	-4	...	...
...	+0°074	-42°435	-5	...	...	...	+2°997	+17°608	-3	b	...	*	+5°531	+15°502	1°10	50.9382	9.6
...	0°125	-46°413	-4	...	...	...	3°017	-33°528	-2	...	...	...	5°621	+49°148	-4	m	...
...	0°394	-28°556	-4	...	...	...	3°028	+14°892	-3	...	...	...	5°699	-43°342	-3	...	...
*	0°413	-32°248	2°00	51.9511	8.8	...	3°048	+38°923	-2	...	...	...	5°758	-48°808	-5	...	...
...	0°437	-19°945	-5	...	...	...	3°056	-46°320	-5	...	...	*	5°760	-44°801	1°30	51.9525	9.4
I49I	+0°439	+13°160	0°95	...	...	I55I	+3°130	-46°394	-5	ϕ	...	I61I	+5°768	+30°438	-2	...	...
...	0°483	-22°739	-5	...	...	...	3°161	+58°684	-4	...	...	...	5°799	-27°866	-2	...	...
...	0°511	-31°689	-5	...	...	...	3°208	-27°222	-5	ϕ	...	...	5°880	-9°730	-1	...	...
...	0°517	-54°816	0°80	...	...	...	3°208	-55°758	-5	...	...	...	6°023	-56°300	-5	...	...
...	0°650	-17°044	-3	...	...	...	3°366	+40°184	1°30	50.9378	9.0	...	6°042	-40°424	-4	...	...
...	+0°654	-32°330	1°00	...	...	...	+3°373	-50°024	-5	ϕ	...	*	+6°177	-34°146	1°90	51.9526	9.0
...	0°664	+38°446	-4	Mm	...	...	3°384	-37°650	1°40	51.9516	9.0	...	6°207	+26°191	-2	...	...
...	0°759	-24°151	-4	...	...	...	3°466	-43°266	-5	ϕ	...	*	6°246	+8°371	1°30	50.9383	9.6
...	0°779	+50°016	-3	...	...	...	3°519	-2°370	-1	...	...	...	6°258	-47°353	-5	...	...
...	0°786	-53°583	-4	...	...	...	3°553	-34°048	-4	...	...	...	6°264	+46°998	-5	m	...

1562, 1570. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.				
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.			
1621-1680						1681-1740						1741-1800								
I62I	+	6.355	- 0.058	I.10	50.9384	9.6	I68I	+	8.569	+43.676	I.00	50.9392	9.9	I74I	+	11.234	+31.358	- 3	...	...
+	6.363	+46.537	- 3	...	...	...	+	8.627	-33.466	- 5	...	...	...	+	11.293	-56.908	- 5	...	...	
...	6.450	-39.204	0.85	...	...	...	...	8.661	-43.933	- 5	p	...	...	...	11.297	+47.055	- 5	m	...	
...	6.479	-44.095	- 3	...	...	...	...	8.693	-44.272	I.10	51.9530	10.0	...	...	11.341	-57.073	- 5	p	...	
...	6.485	+12.504	- 4	m	...	...	...	8.712	-18.490	- 1	...	...	...	...	11.380	+32.624	0.90	...	...	
...	+	6.515	+32.977	I.90	50.9385	9.0	...	+	8.771	+37.971	- 3	...	...	...	+	11.417	-38.336	0.95	...	...
...	6.599	+34.249	I.60	50.9386	9.1	...	...	8.847	-51.667	I.20	51.9531	9.4	...	...	11.681	-18.164	I.35	51.9538	9.4	
...	6.662	-32.941	0.90	...	...	...	...	8.895	-44.594	- 4	...	...	...	...	11.693	-57.746	- 5	...	...	
...	6.663	-36.387	- 5	p	...	...	...	8.915	-40.844	- 3	...	...	...	...	11.716	-43.529	- 3	...	...	
...	6.665	+30.431	- 5	m	...	...	...	8.956	-46.401	- 3	...	...	...	...	11.728	-34.195	- 5	p	...	
I63I	+	6.736	-43.836	- 2	...	...	I69I	+	9.016	-29.978	- 1	...	...	...	+	11.737	-41.331	0.95	...	...
...	6.792	+33.838	- 3	...	...	...	...	9.067	-42.298	- 3	...	...	...	...	11.974	-32.285	- 2	...	...	
...	6.802	+38.058	I.30	50.9388	9.4	...	...	9.202	-21.641	- 3	...	...	...	...	11.977	-59.221	- 5	...	...	
...	6.881	+18.831	I.10	50.9387	9.8	...	...	9.242	-59.167	- 3	...	...	...	...	12.037	+ 5.205	3.00	50.9395	8.2	
...	6.935	+44.855	I.50	50.9389	9.3	...	...	9.256	+39.222	- 5	m	...	...	...	12.262	- 1.825	I.00	50.9396	10.0	
...	+	7.097	-57.916	- 5	...	...	...	+	9.319	-52.584	- 5	...	...	...	+	12.284	+50.875	- 3	...	...
...	7.146	+52.615	- 5	m	...	...	...	9.358	-22.000	I.60	50.9393	9.2	...	...	12.341	-34.527	- 3	...	...	
...	7.162	-30.660	I.00	51.9527	10.0	...	...	9.395	-57.582	- 5	p	...	...	...	12.352	-34.875	I.40	51.9539	8.8	
...	7.303	-32.452	- 5	...	...	...	...	9.454	-37.089	- 3	...	...	...	...	12.363	-22.130	- 3	...	...	
...	7.324	-55.549	- 4	...	...	...	...	9.476	-57.638	- 4	...	...	...	...	12.382	-53.757	0.90	...	...	
I64I	+	7.389	+42.010	I.20	50.9390	9.6	I70I	+	9.518	+19.739	- 4	m	...	...	+	12.414	+37.961	I.50	50.9397	9.0
...	7.396	-29.845	- 5	...	...	...	...	9.686	+30.854	- 3	...	...	...	...	12.442	+32.645	- 5	m	...	
...	7.413	-39.432	- 2	...	...	...	...	9.803	- 1.804	- 5	...	...	...	...	12.460	-49.219	I.00	51.9540	10.0	
...	7.427	-38.620	- 1	...	...	...	...	9.837	+30.920	I.20	50.9394	9.3	...	...	12.526	+ 5.774	I.00	50.9398	9.9	
...	7.428	-31.970	- 2	...	...	...	...	9.864	-40.743	I.20	51.9532	9.4	...	...	12.528	-30.705	- 5	p	...	
...	+	7.447	-58.855	- 3	...	...	...	+	9.939	-59.830	- 2	...	...	...	+	12.574	-39.797	- 5	...	...
...	7.451	- 0.079	- 1	...	...	...	...	9.944	+47.117	0.90	...	...	...	...	12.577	+ 1.778	- 3	...	...	
...	7.518	-42.723	- 1	...	...	...	...	10.024	-35.088	0.70	...	...	...	...	12.594	-33.696	I.05	51.9541	9.4	
...	7.549	-28.217	- 4	...	...	...	...	10.099	-11.299	I.00	51.9533	10.0	...	...	12.671	+49.497	0.75	...	...	
...	7.561	-48.793	- 5	p	...	...	...	10.104	+27.252	- 2	...	...	...	...	12.696	-40.365	0.75	...	...	
I65I	+	7.615	+52.124	- 3	a	...	I71I	+	10.125	-48.909	- 5	p	...	...	+	12.752	-27.325	- 2	...	...
...	7.641	+31.671	- 4	...	...	...	...	10.176	-51.557	- 5	...	...	...	...	12.820	-15.298	- 4	...	...	
...	7.666	+34.991	- 4	m	...	...	...	10.206	+13.256	- 3	...	...	...	...	12.843	+12.425	- 2	...	...	
...	7.701	-49.480	- 1	...	...	...	...	10.208	-49.258	- 5	...	...	...	...	12.869	-27.800	- 3	...	...	
...	7.790	+40.486	- 3	...	...	...	...	10.282	-59.266	- 5	...	...	...	...	12.882	+11.973	I.00	50.9399	9.8	
...	+	7.800	+42.993	- 1	...	...	...	+	10.313	-26.100	0.80	...	...	...	+	12.901	-33.016	2.10	51.9542	8.2
...	7.806	-41.300	I.40	51.9528	9.4	...	...	10.351	-22.169	I.30	51.9534	9.4	...	...	12.902	-56.261	- 5	...	...	
...	7.810	+13.813	- 3	...	...	...	...	10.437	-39.497	I.00	51.9535	9.8	...	...	12.911	-39.328	- 4	...	...	
...	7.814	+ 0.003	- 1	a	...	...	...	10.442	-44.783	I.00	51.9536	10.0	...	...	12.989	-49.004	- 5	...	...	
...	7.836	-38.266	- 2	...	...	...	...	10.449	-49.795	- 5	p	...	...	...	13.034	+ 5.296	- 4	...	...	
I66I	+	7.908	+57.714	- 3	...	...	I72I	+	10.493	+55.935	- 1	...	...	...	+	13.075	-55.939	- 5	...	...
...	7.964	+22.073	- 5	m	...	...	...	10.579	-39.885	- 5	...	...	...	...	13.151	+51.711	I.80	50.9400	9.0	
...	8.072	-48.459	- 5	...	...	...	...	10.598	- 6.766	- 5	...	...	...	...	13.340	-52.727	- 5	...	...	
...	8.119	-51.439	- 5	...	...	...	...	10.599	-38.238	0.80	...	...	...	...	13.372	-53.652	- 2	...	...	
...	8.145	-15.807	0.95	...	...	...	...	10.608	+16.373	- 2	...	...	...	...	13.415	-39.450	- 2	...	...	
...	+	8.178	-45.332	- 2	...	...	...	+	10.631	-46.196	- 2	...	...	...	+	13.432	+43.729	I.30	50.9401	9.0
...	8.223	+22.504	- 1	...	...	...	...	10.684	-34.683	- 4	...	...	...	...	13.464	-45.530	- 5	...	...	
...	8.234	-51.325	- 1	...	...	...	...	10.729	-32.460	- 3	...	...	...	...	13.466	-55.766	I.00	...	...	
...	8.260	-46.304	- 4	...	...	...	...	10.761	-55.952	0.80	...	...	...	...	13.519	-45.834	- 5	...	...	
...	8.274	-56.459	- 4	...	...	...	...	10.850	+22.567	- 5	m	...	...	...	13.521	-39.599	- 2	...	...	
I67I	+	8.305	- 9.944	- 2	...	...	I73I	+	10.861	-45.879	- 5	p	...	...	+	13.648	-42.476	- 5	...	...
...	8.336	-28.726	- 2	...	...	...	...	10.876	+15.485	- 5	m	...	...	...	13.649	+47.315	I.00	50.9402	10.0	
...	8.364	+54.392	- 5	m	...	...	...	10.909	+48.221	- 5	m	...	...	...	13.704	+53.207	- 5	m	...	
...	8.404	+25.642	- 4	m	...	...	...	10.925	+22.839	- 3	...	...	...	...	13.740	+54.071	- 5	m	...	
...	8.422	-39.745	- 2	...	...	...	...	11.003	-35.883	- 4	...	...	...	...	13.770	-11.720	I.00	51.9543	10.0	
...	+	8.428	- 4.764	- 5	...	...	...	+	11.011	-30.087	- 2	...	...	...	+	13.795	+25.687	0.95	...	...
...	8.448	-51.132	I.05	...	...	...	...	11.024	-21.021	- 5	p	...	...	...	13.810	-52.786	- 2	...	...	
...	8.533	-51.135	I.05	51.9529	9.4	...	...	11.150	-13.142	- 4	...	...	...	...	13.851	+52.290	- 2	...	...	
...	8.502	-52.026	- 3	...	...	...	...	11.196	-24.574	- 5	...	...	...	...	13.877	+51.586	- 5	m	...	
...	+	8.553	+24.847	0.90	50.9391	9.8	...	11.202	-30.214	I.00	51.9537	9.4	...	...	13.905	-29.486	- 5	p	...	

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.				
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.			
1801-1860						1861-1920						1921-1980								
I80I	...	+13.933	+37.58I	0.85	...	I86I	...	+16.692	-26.573	0.95	5I.955I	IO.0	I92I	...	+19.326	+53.88I	-5	<i>m</i>	...	
...	...	I3.965	+36.050	-5	<i>m</i>	...	...	I6.736	-43.372	-5	...	...	...	...	I9.364	-19.877	-5	...	...	
...	...	I3.997	-16.58I	-I	...	...	...	I6.788	-48.520	-3	...	...	*	...	I9.373	-9.758	I.20	5I.9558	9.6	
...	...	I4.026	-5.280	-5	...	...	...	I6.817	+43.832	-2	...	...	...	...	I9.404	-34.17I	-5	<i>p</i>	...	
...	...	I4.05I	-53.912	-4	...	...	...	I6.838	-22.626	-5	...	...	...	...	I9.450	-34.004	-4	...	...	
...	...	+I4.073	-15.735	I.00	...	...	*	+I6.926	-56.430	I.00	...	...	*	...	+I9.468	+44.945	I.20	50.94I4	9.8	
...	...	I4.099	-39.137	0.80	...	...	*	I7.044	-55.785	I.00	5I.9552	IO.0	†	...	I9.543	-58.016	0.95	...	...	
...	...	I4.125	-34.312	-4	...	...	*	I7.046	+13.71I	I.80	50.9408	9.3	...	...	I9.743	-18.190	I.00	5I.9559	IO.0	
...	...	I4.214	-34.685	0.95	...	...	*	I7.095	+14.525	I.40	50.9409	9.3	...	...	I9.767	-37.230	-5	...	...	
...	...	I4.345	+51.31I	-3	...	...	...	I7.138	+58.776	-2	...	...	...	...	I9.778	-28.350	-5	...	...	
I8II	*	+I4.35I	-43.603	I.00	5I.9544	IO.0	I87I	*	+I7.160	-41.143	0.95	...	...	I93I	...	+19.902	-56.434	-4	...	...
...	...	I4.613	-2.982	-3	...	...	...	I7.220	+45.914	0.85	...	...	...	...	I9.94I	-32.483	-5	...	...	
...	*	I4.656	-47.192	I.00	5I.9545	IO.0	...	I7.242	-37.312	-5	...	...	...	...	I9.985	-33.486	-4	...	...	
...	...	I4.660	+51.356	-4	<i>m</i>	...	...	I7.285	-55.09I	-4	...	...	...	...	I9.990	-59.719	-4	...	...	
...	*	I4.697	+18.343	I.00	50.9403	9.9	...	I7.288	-52.756	I.10	5I.9553	IO.0	...	...	20.108	-51.876	-3	...	...	
...	...	+I4.73I	-35.72I	-5	...	...	...	+I7.292	-35.400	-I	...	...	*	...	+20.132	-30.335	I.00	5I.9560	9.8	
...	...	I4.77I	-23.039	-3	...	...	...	I7.400	-47.445	-5	...	...	...	...	20.149	-10.176	-5	...	...	
...	...	I4.816	-22.38I	0.80	...	...	...	I7.425	-59.936	-2	...	...	...	...	20.199	-21.286	-5	...	...	
...	...	I4.83I	-27.260	-5	...	...	...	I7.444	-37.003	-4	...	...	...	...	20.287	-16.010	-5	...	...	
...	...	I4.857	-49.572	-2	...	...	...	I7.464	+47.249	-4	<i>m</i>	...	...	...	20.448	-59.356	-4	...	...	
I82I	...	+I4.884	-23.914	-3	...	I88I	...	+I7.564	-9.998	-4	...	...	I94I	...	+20.506	-52.603	-5	...	...	
...	...	I4.949	+51.463	-4	...	...	...	I7.585	+29.892	-2	...	...	*	...	20.567	-26.994	I.05	5I.956I	9.6	
...	...	I4.958	-51.900	-4	...	S *	...	I7.616	+8.944	3.00	50.9410	8.2	N [	...	20.605	-52.983	-5	...	...	
...	...	I4.974	-43.52I	-5	...	...	...	I7.656	-46.947	-3	...	...	...	...	20.610	-29.474	-5	...	...	
...	†	I5.072	-44.990	0.75	...	...	...	I7.672	+7.395	-2	...	...	...	...	20.719	-54.213	I.00	...	...	
...	...	+I5.124	-59.835	-2	...	...	...	+I7.699	-30.812	-5	<i>p</i>	...	...	...	+20.777	-12.837	-5	...	...	
...	...	I5.127	+14.992	-5	<i>m</i>	...	...	I7.746	-20.204	0.75	...	...	...	...	20.842	+40.516	-5	<i>m</i>	...	
...	...	I5.234	-59.11I	-4	<i>p</i>	...	...	I7.760	+54.605	-I	...	...	...	...	20.879	+7.67I	0.70	...	...	
...	...	I5.305	-33.516	-4	...	...	...	I7.797	-39.803	-5	<i>p</i>	...	...	...	20.932	+41.913	-2	...	...	
...	...	I5.307	-30.912	-5	...	...	†	I7.846	-54.992	-4	...	...	...	...	20.94I	-24.817	-5	...	...	
I83I	...	+I5.343	-53.097	-5	...	I89I	...	+I7.896	-58.816	0.90	...	...	I95I	...	+21.006	+28.090	-2	...	...	
...	...	I5.408	-43.369	0.80	5I.9546	IO.0	...	I7.923	-41.817	-4	...	...	...	...	21.087	-38.34I	-4	...	...	
...	...	I5.434	-53.098	-5	...	...	...	I8.056	+21.692	0.90	...	...	...	...	21.109	+12.629	-5	<i>m</i>	...	
...	*	I5.475	-58.830	I.00	5I.9547	IO.0	...	I8.300	+59.056	-5	<i>m</i>	...	...	...	21.136	-16.692	0.90	...	...	
...	...	I5.51I	+34.566	0.95	50.9404	IO.0	...	I8.364	+23.027	-2	...	...	*	...	21.160	-2.868	I.15	50.9415	9.5	
...	...	+I5.564	-59.408	-4	...	...	...	+I8.423	+35.915	-5	<i>m</i>	...	...	...	+21.236	-12.655	I.00	...	...	
...	...	I5.584	-35.802	-4	...	...	†	I8.424	-54.917	-5	...	...	...	...	21.323	-18.430	-5	...	...	
...	...	I5.604	-22.254	-4	...	...	*	I8.462	+53.463	I.20	50.941I	9.8	...	...	21.328	-49.60I	-5	...	...	
...	...	I5.619	+8.438	-I	...	...	...	I8.55I	+53.39I	-4	...	...	...	...	21.335	-1.627	-2	...	...	
...	...	I5.654	-40.256	-4	...	...	*	I8.554	-31.705	0.95	5I.9554	IO.0	...	...	21.374	-48.905	0.70	...	...	
I84I	...	+I5.713	-57.240	-5	...	I90I	...	+I8.60I	-59.433	-4	...	...	I96I	*	+21.466	+9.217	I.00	...	...	
...	...	I5.755	-38.696	-2	...	...	...	I8.609	-21.707	-5	...	...	...	...	21.513	-5.395	-2	...	...	
...	...	I5.844	-25.857	0.85	...	...	...	I8.617	-43.269	-3	...	...	...	...	21.563	-5.668	0.95	5I.9562	IO.0	
...	...	I5.862	-59.564	-5	...	...	...	I8.627	-47.833	-3	...	...	...	...	21.635	-36.094	0.90	...	...	
...	...	I5.90I	-48.275	-2	...	...	...	I8.650	-13.65I	-2	...	...	...	...	21.703	-44.709	-5	...	...	
...	...	+I5.923	-46.712	-4	...	...	...	+I8.678	+54.420	-5	<i>m</i>	...	...	...	+21.759	-24.684	-5	...	...	
...	N [	I5.954	-25.414	-3	...	...	*	I8.730	+6.115	I.50	50.9413	9.4	...	...	21.82I	-36.41I	-5	<i>p</i>	...	
...	S †	I6.042	+49.77I	2.85	50.9405	8.4	...	I8.747	-49.110	I.00	5I.9555	IO.0	...	...	21.83I	-47.606	-4	...	...	
...	*	I6.095	-14.519	I.00	5I.9548	IO.0	...	I8.824	-50.56I	0.80	...	...	...	...	21.848	-53.712	-3	...	...	
...	...	I6.112	-35.519	-4	...	...	*	I8.853	-58.619	I.65	5I.9557	9.2	...	...	21.855	-16.056	-3	...	...	
I85I	...	+I6.260	-54.709	-3	...	I9II	...	+I8.899	-35.490	-3	...	...	I97I	...	+21.903	-26.848	-2	...	...	
...	...	I6.266	-45.444	-4	...	...	...	I8.928	+55.940	I.30	50.9412	9.5	...	...	22.008	-48.858	-5	...	...	
...	...	I6.300	+22.456	-5	<i>m</i>	...	...	I8.97I	-39.294	-3	...	...	...	...	22.017	+33.16I	-3	...	...	
...	*	I6.312	-31.234	I.70	5I.9550	8.8	...	I8.980	-16.279	I.20	5I.9556	9.6	...	...	22.104	-4.77I	-5	<i>p</i>	...	
...	...	I6.315	-42.650	-4	...	...	...	I9.035	-10.550	-4	...	...	*	...	22.116	+47.346	I.00	...	...	
...	*	+I6.322	+53.292	I.00	50.9406	IO.0	...	+I9.07I	-52.402	-5	...	...	...	...	+22.205	-45.813	-4	...	...	
...	...	I6.382	+5.978	-3	...	...	...	I9.110	-32.870	-4	...	...	...	...	22.240	-49.188	-5	...	...	
...	...	I6.397	-29.175	-3	...	...	...	I9.158	-34.332	-5	...	...	...	...	22.254	-46.917	-5	...	...	
...	...	I6.616	-33.902	-4	...	...	...	I9.196	+37.982	-5	<i>m</i>	...	*	...	22.304	+21.138	I.00	50.9416	IO.0	
...	*	I6.655	+34.542	I.20	50.9407	9.8	...	I9.265	-42.299	-I	...	...	...	...	22.382	+56.237	-5	<i>m</i>	...	

1847. Mass.
1943. Mass. Fault on image.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1981-2040						2041-2100						2101-2160					
1981						2041						2101					
...	+22.389	-57.137	-5	...	...	...	+24.405	-50.935	-2	...	...	...	+26.590	-55.659	-4	...	...
...	22.426	-48.762	-5	...	...	...	24.465	+25.983	0.85	...	...	*	26.602	+31.720	1.60	50.9424	9.2
*	22.448	-13.989	1.00	51.9563	9.8	†	24.481	+18.944	-5	...	...	...	26.638	+45.241	-2	<i>b</i>	...
...	22.469	-57.713	-4	...	...	†	24.536	-40.746	-3	...	...	†	26.683	+39.798	-3	...	...
...	22.570	-14.040	-5	...	...	†	24.540	+12.977	0.70	...	...	...	26.688	+4.028	-5	<i>m</i>	...
...	+22.579	+33.182	-3	...	...	...	+24.592	-19.413	-4	...	...	...	+26.747	+5.239	-3	...	...
...	22.603	-46.324	-2	...	...	...	24.603	+11.445	-3	...	...	...	26.754	-46.845	0.80	...	...
...	22.619	-25.493	-5	...	...	*	24.672	-54.115	1.00	51.9573	10.0	...	26.882	+55.984	0.85	...	...
...	22.636	-50.992	-4	...	...	...	24.677	-17.702	-3	...	...	...	26.884	-35.243	-2	...	...
...	22.637	-15.356	1.00	51.9564	10.0	...	24.749	+22.358	-3	...	...	...	26.901	-41.247	-4	...	...
1991						2051						2111					
...	+22.643	-18.454	0.95	51.9566	10.0	...	+24.763	-46.905	-5	...	...	...	+26.975	-28.958	-4	...	...
...	22.654	-6.820	0.85	...	...	...	24.778	-47.787	-3	...	...	...	27.012	-18.243	0.90	...	...
...	22.668	+31.057	-4	<i>m</i>	...	...	24.786	-56.251	-1	...	...	...	27.029	+10.984	-2	...	...
...	22.764	-42.618	-2	...	...	...	24.789	-14.479	-2	...	...	...	27.058	-14.861	-2	...	...
...	22.787	-16.859	0.90	51.9565	10.0	...	24.830	-18.930	-3	...	...	...	27.078	+5.497	-3	...	...
...	+22.857	+21.796	-3	<i>b</i>	...	*	+24.840	+37.886	1.10	50.9421	9.6	...	+27.142	-57.667	-5	...	...
...	22.888	+56.852	-3	...	...	...	24.945	-25.486	-3	...	...	...	27.210	-40.778	-3	...	...
*	22.959	+50.408	1.45	50.9417	9.3	...	24.989	-17.150	-1	...	...	†	27.290	+24.883	-1	...	...
...	23.047	-47.029	0.95	...	...	...	25.055	-53.607	-3	...	...	...	27.333	-39.538	-4	...	...
...	23.076	-42.600	-2	...	...	...	25.097	-21.512	-5	<i>p</i>	...	...	27.343	-6.447	-4	...	...
2001						2061						2121					
*	+23.087	-54.454	1.15	51.9569	9.8	...	+25.098	+59.583	-2	...	...	...	+27.402	-55.088	-4	...	...
...	23.104	+57.014	-5	<i>m</i>	...	...	25.109	+45.065	-5	<i>m</i>	...	...	27.446	+8.830	-4	<i>m</i>	...
...	23.109	+2.290	-4	<i>m</i>	...	...	25.113	-52.341	0.80	...	...	...	27.457	-6.625	-4	...	...
*	23.128	-16.141	1.00	51.9568	9.8	...	25.180	-11.744	-2	...	...	...	27.468	+19.367	-3	...	...
...	23.149	-45.737	-5	...	...	...	25.183	-9.705	-3	...	...	*	27.483	-37.256	0.95	...	...
...	+23.181	+5.188	-1	...	...	...	+25.194	+15.081	0.80	...	...	...	+27.492	+2.342	-5	<i>m</i>	...
...	23.192	-18.509	-5	...	...	...	25.220	-37.779	-4	...	...	...	27.570	-24.668	-3	...	...
...	23.220	+12.591	-5	<i>m</i>	...	...	25.255	+36.930	-4	<i>m</i>	...	*	27.631	+34.594	1.00	50.9425	9.8
*	23.295	-17.680	1.00	51.9570	10.0	...	25.278	-19.344	-2	...	...	...	27.637	-13.132	-4	...	...
...	23.330	-38.900	-5	...	...	*	25.285	+30.223	2.90	50.9422	8.3	...	27.696	+57.266	-5	<i>m</i>	...
2011						2071						2131					
...	+23.382	+3.515	-5	<i>m</i>	...	...	+25.293	-55.017	-3	...	...	...	+27.711	-28.794	-5	...	...
†	23.387	-5.125	-5	...	...	...	25.376	-53.913	-5	...	...	*	27.742	+21.039	1.80	50.9426	8.7
...	23.407	+6.980	-5	<i>m</i>	...	*	25.385	-41.132	1.30	51.9574	9.4	...	27.792	-54.668	-5	...	...
*	23.421	-3.019	3.00	50.9418	8.0	...	25.472	-56.627	-5	...	...	...	27.800	+18.129	0.90	...	...
*	23.460	-8.192	2.00	51.9571	8.8	...	25.548	-34.816	0.70	...	...	...	27.892	+34.501	-3	...	...
...	+23.492	-17.388	0.90	...	...	...	+25.570	+39.966	-4	<i>m</i>	...	...	+27.894	-50.562	-1	...	...
...	23.503	+13.778	-5	<i>m</i>	...	...	25.670	-16.744	-4	...	...	...	27.924	+14.063	-4	<i>m</i>	...
...	23.518	+18.687	0.90	...	...	...	25.839	-47.509	0.80	...	...	...	27.939	-23.442	0.80	...	...
...	23.534	-52.182	-3	...	...	...	25.850	+25.014	-2	...	...	...	27.943	+46.996	-5	<i>m</i>	...
...	23.548	-56.629	0.95	...	...	...	25.856	+34.738	-2	...	...	...	27.956	-48.180	-4	...	...
2021						2081						2141					
...	+23.555	+35.708	-3	...	...	...	+25.860	-4.403	-5	...	...	...	+28.045	+34.176	-1	...	...
...	23.718	-52.567	-5	...	...	...	25.893	-28.964	-5	...	...	...	28.139	+9.803	-4	<i>m</i>	...
...	23.745	-48.461	0.95	...	...	...	25.896	-1.920	-4	...	...	*	28.380	-18.494	1.40	51.9577	9.4
...	23.781	+12.074	-5	...	...	...	25.924	-56.748	-5	...	...	...	28.456	-27.475	-4	...	...
...	23.826	-20.150	-5	<i>p</i>	...	*	26.073	-51.248	1.00	51.9575	10.0	...	28.635	-25.571	-4	...	...
...	+23.890	-22.418	-5	...	...	...	+26.090	+50.899	-3	...	...	...	+28.741	-9.776	-4	...	...
...	23.905	+53.282	-5	<i>m</i>	...	...	26.095	+28.488	-5	<i>m</i>	...	...	28.792	+25.196	-4	<i>m</i>	...
...	23.908	-26.550	0.85	...	...	...	26.097	-18.023	-4	...	...	...	28.848	-52.449	0.90	...	...
*	23.959	+54.659	1.00	50.9419	10.0	...	26.133	-19.343	-5	...	...	...	28.924	-59.653	-3	...	...
<i>n</i>	23.986	-14.571	0.85	...	...	...	26.198	+10.954	-4	<i>m</i>	...	...	28.929	+19.772	0.75	...	...
2031						2091						2151					
<i>n</i>	+23.987	-14.327	1.00	51.9572	10.0	...	+26.208	-51.912	-5	...	...	*	+29.009	-44.787	1.60	51.9578	9.0
...	24.002	-16.005	-2	...	...	*	26.285	+40.888	1.50	50.9423	9.4	...	29.100	+26.696	-4	...	...
...	24.012	+1.500	1.00	50.9420	9.9	...	26.303	-15.726	-3	...	...	...	29.120	+47.052	0.90	...	...
...	24.114	-57.890	-5	...	...	...	25.368	-10.722	-5	...	...	...	29.147	+13.117	-3	<i>b</i>	...
...	24.121	-44.479	-5	...	...	...	26.376	+17.913	0.80	...	...	...	29.249	-26.649	-5	...	...
...	+24.174	-18.532	0.90	...	...	...	+26.428	-19.470	-3	...	...	...	+29.262	+37.056	-5	<i>m</i>	...
...	24.214	+24.431	-5	<i>m</i>	...	...	26.518	-0.260	-4	...	...	...	29.307	-10.992	-3	...	...
...	24.228	-27.651	-5	...	...	...	26.565	-26.893	-1	...	...	...	29.315	-50.405	-4	...	...
...	24.248	-12.073	-5	...	...	*	26.573	-18.100	1.40	51.9576	9.4	...	29.325	-11.595	-3	...	...
...	24.294	-15.159	-5	...	...	...	26.575	+39.603	-3	...	...	...	29.378	+14.235	-5	<i>m</i>	...

2030, 2031 C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2161-2220						2221-2280						2281-2340					
216I	+29°43I	-22°906	-2	...	...	222I	+32°070	-20°244	0°70	...	...	228I	+34°970	+14°078	1°60	50.9434	9°0
...	29°594	+9°696	-5	m	...	...	32°16I	-13°167	1°30	51.9586	9°4	...	35°058	-29°62I	-5	...	...
†	29°6II	+12°684	0°95	50.9428	10°0	*	32°174	+52°679	1°20	50.9430	9°5	*	35°110	-9°6II	0°90	51.9597	10°0
...	29°62I	-47°713	-3	...	...	...	32°236	-37°737	0°90	...	...	...	35°190	-5°284	-3	...	...
...	29°658	+13°005	0°85	50.9427	10°0	†	32°313	-10°066	0°80	...	...	...	35°289	-54°246	-3	...	...
...	+29°670	-18°629	-5	...	...	†	+32°342	-20°090	-4	...	...	...	+35°292	-45°855	-1	...	...
...	29°683	-24°018	0°95	51.9579	10°0	...	32°397	-11°896	-5	p	...	...	35°293	-54°346	-4	...	...
...	29°69I	-37°959	-5	p	...	*	32°409	-9°804	1°10	51.9587	9°6	...	35°373	-38°456	-4	...	...
...	29°725	-35°175	-2	...	...	...	32°568	-33°352	-4	...	...	...	35°420	-44°030	-3	...	...
...	29°758	-59°123	1°00	...	...	...	32°735	-44°253	0°65	...	...	...	35°45I	+2°209	-3	b	...
217I	+29°774	+50°430	1°00	...	...	223I	+32°75I	+1°875	-2	...	...	229I	+35°49I	-34°4II	-2	...	...
†	29°778	-20°093	0°65	...	...	...	32°829	-2°592	-5	...	...	...	35°516	-41°3II	-5	...	...
*	29°809	-16°08I	1°00	51.9580	10°0	...	32°872	-40°262	-5	...	...	...	35°518	-45°857	-4	...	...
...	29°890	-26°812	-5	...	...	*	32°880	+17°598	1°60	50.943I	9°0	...	35°547	+20°113	-3	...	...
...	29°927	+4°535	-3	...	...	...	32°890	-23°090	-4	...	...	*	35°585	-38°025	1°20	51.9599	9°6
...	+29°936	+34°19I	0°95	...	...	*	+32°922	-27°286	1°00	51.9588	9°8	...	+35°593	+40°687	-3	b	...
...	29°945	+44°346	1°00	...	...	...	32°950	-30°132	-5	...	...	*	35°63I	-29°84I	1°50	51.9598	9°0
...	29°973	-27°004	-5	...	...	...	32°955	-55°529	-5	...	...	*	35°637	-43°005	1°00	51.9600	10°0
...	30°050	+10°108	-3	...	...	*	32°978	-22°513	1°00	51.9589	9°8	...	35°706	-31°20I	-4	...	...
...	30°057	-47°695	-5	...	...	...	32°992	+1°477	-2	...	...	*	35°739	+33°180	1°30	50.9435	9°3
218I	+30°064	-6°88I	-5	p	...	224I	+33°03I	-0°433	1°00	50.9432	9°8	230I	+35°742	-11°296	-4	...	...
...	30°115	-43°580	0°70	...	...	*	33°080	-19°359	-5	p	...	...	35°772	-24°035	-5	...	...
...	30°126	-8°115	-5	...	...	...	33°119	-17°64I	-5	p	...	...	35°926	+33°448	-2	...	...
...	30°148	+27°709	0°75	...	...	...	33°182	-23°192	-5	...	...	...	35°927	-40°710	-5	p	...
...	30°164	-52°850	-5	...	...	...	33°188	-56°676	-5	...	...	...	35°945	-15°720	0°75	...	...
...	+30°335	+33°507	-5	m	...	...	+33°307	-57°619	-5	...	...	...	+35°965	+30°738	-2	...	...
...	30°367	-36°603	-2	...	...	...	33°373	-11°667	-4	...	...	...	36°118	-58°395	0°95	51.960I	10°0
...	30°463	+34°498	-4	...	...	...	33°377	+26°306	-5	m	...	...	36°154	+13°737	-4	m	...
...	30°485	-53°513	1°00	...	...	...	33°392	-44°442	-2	...	...	...	36°163	+26°340	-4	m	...
...	30°532	-1°609	0°80	...	...	...	33°407	-25°853	0°90	...	...	...	36°173	-31°004	-5	...	...
219I	+30°549	-23°713	0°80	...	...	225I	+33°407	-12°750	-4	...	...	231I	+36°186	-2°943	-4	...	...
...	30°589	-48°072	-5	...	...	...	33°445	-55°075	-5	...	...	...	36°220	+26°702	-5	m	...
...	30°627	-42°659	-5	...	...	...	33°613	-36°389	-2	...	...	*	36°260	-56°13I	1°40	51.9602	9°4
...	30°650	-25°219	-5	...	...	...	33°617	-41°747	0°85	...	...	...	36°394	-55°528	-5	...	...
...	30°720	+2°495	-5	m	...	...	33°677	+36°774	-5	m	...	...	36°432	+8°797	-5	m	...
...	+30°815	-45°390	0°90	...	...	...	+33°684	+46°604	-4	m	...	*	+36°436	-49°027	1°50	51.9603	9°2
...	30°898	-30°642	0°90	...	...	*	33°781	-10°607	1°00	51.9590	9°8	†	36°476	-34°965	-5	...	...
...	31°035	+49°147	-5	m	...	n	33°823	-19°282	0°80	51.959I	8°6	...	36°506	-53°262	-2	...	...
...	31°105	-29°743	-5	...	...	...	33°857	+15°998	-5	m	...	*	36°604	-36°94I	1°00	51.9604	9°8
...	31°14I	-47°914	1°00	51.9582	10°0	n*	33°867	-19°429	1°60	51.959I	8°6	...	36°630	+18°505	-3	...	...
220I	+31°162	-37°859	-2	...	...	226I	+33°929	+14°054	-5	m	...	232I	+36°636	+14°298	0°80	...	...
...	31°216	-43°700	0°90	...	...	...	33°983	-58°696	-5	...	...	...	36°684	+40°212	-5	m	...
...	31°317	-37°008	0°70	...	...	†	34°023	-34°972	1°00	51.9593	10°0	...	36°687	+1°065	-5	m	...
*	31°428	-32°816	1°00	51.9583	9°6	*	34°197	-7°158	2°00	51.9592	8°8	...	36°732	-43°912	-4	...	...
†	31°510	-55°006	-4	...	...	*	34°250	-2°292	1°00	50.9433	9°8	...	36°735	-8°328	-5	...	...
...	+31°56I	-24°595	0°80	...	...	...	+34°293	-45°330	-5	...	...	...	+36°790	-47°433	-1	...	...
...	31°686	-17°960	-5	...	...	...	34°36I	-4°068	0°90	...	...	...	36°824	+11°366	0°95	50.9436	10°0
...	31°770	-20°789	0°75	...	...	...	34°367	-47°139	-2	...	...	...	36°948	-45°704	-3	...	...
...	31°797	-22°88I	-2	...	...	†	34°438	-47°60I	1°00	51.9596	10°0	...	37°116	-54°86I	-2	...	...
...	31°806	-30°309	-5	...	...	†	34°45I	+43°702	1°00	...	...	...	37°174	-27°830	-4	...	...
221I	+31°816	-52°62I	1°25	51.9584	9°4	227I	+34°479	-18°355	1°00	51.9594	10°0	233I	+37°255	-31°887	-4	...	...
*	31°820	+48°585	-5	m	...	†	34°492	-42°658	-5	...	...	...	37°275	-52°624	-3	...	...
...	31°88I	-19°570	-2	...	...	...	34°587	-32°664	-4	...	...	...	37°328	+16°569	-2	...	...
...	31°892	+7°202	-5	m	...	...	34°596	+29°350	-3	b	...	...	37°386	+21°635	-1	...	...
*	31°945	-32°773	1°05	51.9585	9°6	†	34°612	-20°90I	3°10	51.9595	7°8	...	37°418	+33°752	0°95	50.9437	10°0
...	+31°949	-46°675	-5	...	...	...	+34°665	-54°490	-4	...	...	...	+37°420	+59°024	-4	m	...
...	31°969	-53°030	-2	...	...	...	34°838	-41°656	-3	...	...	...	37°547	-27°460	-4	...	...
*	31°997	+55°657	1°20	50.9429	9°5	...	34°873	+1°856	-4	m	...	...	37°550	+21°862	-3	...	...
...	32°002	+35°60I	-5	m	...	...	34°894	-59°65I	-5	...	...	...	37°58I	-59°793	-5	...	...
...	32°069	-9°662	0°75	...	...	...	34°953	-0°355	0°75	...	...	...	37°606	-54°398	-2	...	...

2258, 2260. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2341-2400						2401-2460						2461-2520					
234I	+37.667	-22.745	-4	...	...	240I	+40.134	-44.368	-5	...	...	246I	+42.089	-25.351	-5	...	...
...	37.678	-33.600	-4	p	...	...	40.156	+17.844	0.75	...	...	*	42.110	-8.214	0.95	51.9611	10.0
...	37.690	-9.136	-5	...	...	*	40.199	-25.364	1.00	...	...	...	42.120	-5.857	0.95	...	...
...	37.731	-49.856	-5	...	...	...	40.201	+6.654	-5	m	...	...	42.173	+45.003	-4	m	...
...	37.739	+15.876	-1	...	...	...	40.207	-35.773	-5	...	...	...	42.269	+16.558	0.85	...	...
...	+37.973	+12.201	-5	m	...	...	+40.350	-18.201	0.70	...	...	...	+42.292	-49.085	-5	p	...
...	38.042	-34.747	-3	...	...	...	40.383	-59.691	-5	...	...	...	42.302	+35.149	-2	...	...
...	38.120	-13.607	-5	...	...	...	40.412	-38.995	0.85	...	...	...	42.334	-34.417	-5	p	...
...	38.181	-16.467	-5	...	...	...	40.442	-52.166	1.00	...	...	...	42.366	+36.617	0.90	...	...
...	38.318	+55.792	-4	m	...	...	40.476	-51.194	-5	...	...	...	42.381	+16.766	-2	...	...
235I	+38.371	-37.569	-2	...	...	241I	+40.493	-14.201	-5	...	...	247I	+42.405	-54.917	1.00	51.9613	10.0
...	38.424	-53.607	-4	...	...	...	40.509	-33.470	-5	...	...	...	42.523	-46.932	1.00	...	...
*	38.436	+51.193	2.20	50.9438	9.0	...	40.545	-50.887	-4	...	...	...	42.523	-32.303	-5	...	...
...	38.482	+7.379	-1	...	...	...	40.547	+45.701	-5	m	...	...	42.547	-34.739	1.00	...	...
...	38.502	+38.707	-2	...	...	*	40.603	-12.203	1.00	51.9607	9.4	...	42.603	-31.092	-5	p	...
...	+38.505	-37.804	-5	...	...	...	+40.608	-43.116	-5	...	...	...	+42.678	-57.842	-1	...	...
...	38.505	-0.916	-3	...	...	...	40.609	-18.716	-5	...	...	...	42.731	+36.984	-5	m	...
...	38.506	-43.643	-4	...	...	...	40.627	+28.815	-4	m	...	...	42.743	+43.353	-5	m	...
...	38.538	+58.297	-4	m	...	...	40.665	-16.399	-5	...	...	...	42.792	-16.310	0.80	...	...
†	38.555	+34.726	1.70	50.9439	9.0	*	40.687	+29.430	1.45	50.9443	9.0	...	42.859	+55.474	-1	...	...
236I	+38.644	+17.494	1.60	50.9440	9.2	242I	+40.755	+43.401	-4	...	...	248I	+42.962	-32.664	-2	...	...
...	38.722	-10.483	-4	...	...	...	40.775	-35.080	-5	p	...	*	43.047	+46.031	2.00	50.9446	8.8
...	38.781	-34.502	-2	...	...	...	40.790	-15.454	-5	p	...	...	43.066	-45.381	0.95	...	...
...	38.909	+1.454	-4	m	...	...	40.835	-25.611	-5	p	...	...	43.138	-52.936	-5	...	...
...	38.920	-12.642	-2	...	...	...	40.891	+56.066	-4	...	...	...	43.176	-21.223	-2	...	...
...	+39.000	-49.160	-5	...	...	*	+40.899	-17.526	1.20	51.9608	9.4	...	+43.239	-32.568	0.80	...	...
...	39.067	-54.595	-2	...	...	...	40.905	-59.672	-4	...	...	...	43.341	+14.155	-5	m	...
...	39.068	-30.361	0.85	...	...	...	40.929	-22.159	-5	...	...	*	43.416	-18.484	1.00	51.9614	9.6
...	39.089	+46.103	-5	m	...	...	40.958	+42.062	1.00	...	...	...	43.434	-0.303	-3	...	...
†	39.106	+4.903	-5	m	...	...	40.986	+56.757	1.00	49.9357	10.0	...	43.516	-27.185	-5	p	...
237I	+39.127	+8.150	-5	m	...	243I	+40.993	-32.744	-4	...	...	249I	+43.555	-20.439	-4	...	...
...	39.152	-48.758	-5	p	...	...	41.044	-12.051	-5	p	...	*	43.624	+5.389	2.00	50.9448	8.9
...	39.172	-42.062	-3	...	...	*	41.065	-24.188	0.95	...	...	*	43.637	-18.202	1.00	51.9615	9.6
...	39.191	-49.665	-4	...	...	...	41.074	+24.298	0.80	...	...	...	43.644	-3.827	0.90	...	...
...	39.213	-41.272	-5	p	...	...	41.207	+23.817	-5	...	...	*	43.681	+24.354	1.00	50.9447	9.9
...	+39.261	+34.561	0.90	...	...	*	+41.247	+25.401	1.20	50.9444	9.4	†	+43.754	+29.862	-2	...	...
...	39.274	+46.543	-1	...	...	...	41.249	-49.055	-5	...	...	...	43.762	-5.886	-3	...	...
...	39.274	-22.658	-4	...	...	...	41.266	+5.244	-3	b	...	...	43.789	-33.119	-3	...	...
...	39.287	-22.430	-3	...	...	...	41.268	-26.314	0.75	...	...	...	43.926	+42.882	-3	...	...
...	39.291	-45.624	-4	...	...	...	41.341	+15.258	0.85	...	...	...	44.011	-36.248	-4	...	...
238I	+39.302	-38.024	0.85	...	...	244I	+41.368	+18.044	0.90	...	...	250I	+44.027	-30.349	1.05	51.9616	9.4
...	39.340	-58.051	-4	...	...	*	41.410	+24.038	1.00	50.9445	9.9	...	44.048	-35.579	0.95	...	...
*	39.381	-3.715	1.80	51.9605	8.6	...	41.449	-49.126	-5	...	...	...	44.170	+5.846	-4	m	...
...	39.406	-38.579	0.80	...	...	...	41.509	+53.553	1.00	...	...	*	44.176	+48.219	1.15	50.9449	9.8
...	39.558	-58.034	-5	...	...	*	41.527	-45.537	2.00	51.9609	9.0	...	44.255	-59.679	-4	...	...
†	+39.564	+28.328	1.20	50.9441	9.4	*	+41.527	-57.375	1.50	51.9610	9.2	*	+44.275	-12.481	1.40	51.9617	9.0
...	39.579	-35.406	0.95	51.9606	10.0	...	41.540	-51.625	-5	...	...	...	44.294	+1.674	-5	m	...
...	39.739	-32.139	-5	p	...	...	41.602	+41.408	-3	...	...	...	44.324	-4.030	-5	...	...
...	39.817	-2.755	-2	...	...	...	41.619	+13.875	-5	m	...	...	44.358	-37.711	-5	...	...
*	39.854	+52.546	1.20	50.9442	9.8	...	41.738	+25.713	0.95	...	...	†	44.401	-2.565	0.90	...	...
239I	+39.859	-1.597	0.80	...	...	245I	+41.771	+26.581	0.95	...	...	251I	+44.402	-14.220	-2	...	...
...	39.882	-27.172	-5	p	...	...	41.814	-53.315	-2	...	...	†	44.460	+55.347	-4	...	...
...	39.894	+15.010	-5	m	...	...	41.838	+37.138	0.90	...	...	†	44.520	-37.731	-5	...	...
...	39.949	+30.895	-5	m	...	...	41.878	+23.920	-4	m	...	...	44.546	-59.329	-2	...	...
...	40.001	-32.314	-5	p	...	...	41.887	-26.908	-4	...	...	*	44.641	-51.064	1.20	51.9618	9.8
...	+40.026	-46.616	-5	p	...	...	+41.939	-14.103	-5	...	...	...	+44.734	+6.816	-5	m	...
...	40.061	-54.709	-5	...	...	...	41.954	+0.378	-5	m	...	...	44.757	-23.859	-3	...	...
...	40.089	-49.294	-4	...	...	...	41.981	-26.423	-2	...	...	...	44.862	+20.734	-3	...	...
...	40.100	+58.301	-5	m	...	...	42.062	-18.998	0.85	...	...	...	44.916	-55.543	-2	...	...
...	40.100	+43.920	1.00	...	...	...	42.068	-56.180	-1	...	...	...	44.918	+24.122	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2521-2580						2581-2640						2641-2700					
2521I	+44'937	-32'352	-4	...	...	2581I	+47'343	-30'187	-5	p	...	2641I	+50'528	-17'710	-5	...	...
...	45'015	+25'888	0.85	...	...	*	47'343	-56'527	1.40	51.9623	9.6	...	50'562	-23'448	-5	m	...
†	45'017	-29'973	-5	p	...	...	47'347	-43'641	-4	...	...	...	50'581	-33'484	0.75	...	...
...	45'037	+22'763	-2	...	...	...	47'357	-49'771	-4	...	...	...	50'620	-16'111	-2	...	...
...	45'039	-43'430	-5	...	...	...	47'373	-36'487	-5	p	...	S *	50'766	-27'153	2.80	51.9630	8.3
...	+45'175	-43'752	-5	...	...	...	+47'396	-56'078	-3	...	...	...	+50'787	-46'332	-5	...	...
...	45'389	+8'643	0.75	...	...	†	47'487	+29'781	1.00	50.9453	10.0	...	50'839	-30'171	-2	...	...
...	45'429	+50'282	-4	...	...	...	47'568	-56'087	-5	p	...	...	50'856	-11'512	-2	...	...
*	45'466	+16'204	0.95	...	...	*	47'574	-0'227	1.00	50.9454	9.8	...	51'014	-0'733	-5	...	...
...	45'671	-10'370	-4	...	...	...	47'575	+9'949	-2	...	...	...	51'027	-15'643	-5	p	...
2531I	+45'697	-58'051	-4	...	...	2591I	+47'669	-30'246	0.95	...	...	2651I	+51'066	-41'412	-2	...	...
...	45'710	-37'912	-4	...	...	...	47'818	-32'783	-4	...	...	...	51'129	+36'671	-3	...	...
...	45'719	-49'238	-4	...	...	...	47'823	+36'512	0.80	...	...	...	51'150	+2'233	-4	m	...
...	45'757	-20'594	-2	...	...	...	47'861	-6'359	-4	m	...	*	51'176	-41'701	1.60	51.9632	9.0
...	45'769	-55'978	-3	...	...	*	47'866	-19'745	0.95	51.9622	10.0	...	51'179	-26'819	-4	...	...
...	+45'779	-47'424	-4	...	...	...	+47'935	+50'955	-4	m	...	...	+51'243	+7'751	-4	...	...
...	45'797	-48'793	-4	...	...	...	47'965	-31'042	0.90	...	...	...	51'318	-52'629	-4	e	...
...	45'813	8'218	-4	...	...	...	47'999	+5'761	-4	...	...	...	51'350	-57'051	-4	e	...
...	45'924	-53'869	-5	...	...	...	48'060	-51'853	-5	...	...	...	51'383	39'377	-5	...	...
...	45'946	-58'118	-5	p	...	...	48'115	+1'885	0.80	50.9455	10.0	†	51'570	59'890	-5	...	...
2541I	+45'998	-0'406	-4	...	...	2601I	+48'185	-36'688	1.00	51.9625	9.8	2661I	+51'760	+17'107	-5	m	...
...	46'000	-40'153	-3	...	...	*	48'294	+21'880	0.95	...	...	...	51'766	-37'096	-4	e	...
...	46'006	-21'665	-3	...	...	...	48'359	+32'347	-5	m	...	...	51'783	-1'078	-3	...	...
...	46'038	+31'269	-4	m	...	...	48'450	+44'821	-1	...	...	...	51'795	-11'723	-4	...	...
...	46'053	-9'293	-4	...	...	†	48'528	-35'053	-3	...	...	...	51'810	-23'247	-5	...	...
...	+46'102	-42'746	0.80	...	...	...	+48'582	-36'038	-5	p	...	<i>e</i> *	+51'817	-38'798	1.15	51.9633	9.5
...	46'124	+10'642	0.80	...	...	†	48'595	+19'809	1.20	50.9456	9.4	†	52'009	+19'906	1.00	50.9460	9.8
*	46'131	+55'498	1.00	50.9450	10.0	...	48'629	-35'796	-2	...	...	<i>e</i> *	52'059	41'553	1.10	51.9634	9.6
...	46'191	-55'851	-5	p	...	...	48'703	+56'914	0.90	49.9368	10.0	...	52'163	-17'224	-5	...	...
*	46'192	+0'533	1.00	50.9451	9.9	*	48'719	-5'741	1.40	51.9624	9.4	*	52'228	+58'978	2.00	49.9374	8.8
2551I	+46'200	-37'045	-5	p	...	2611I	+48'906	-3'557	0.95	50.9457	10.0	2671I	+52'238	-25'946	-3	e	...
...	46'215	-50'049	-5	...	...	*	48'921	-31'840	-4	...	...	...	52'257	+10'792	-2	...	...
...	46'270	+9'505	-5	m	...	...	48'958	-48'542	-4	...	...	*	52'274	-2'034	1.60	50.9461	8.9
...	46'279	-25'143	-3	...	...	...	49'031	-43'638	-3	...	...	...	52'415	+18'034	-4	m	...
...	46'291	-37'923	-4	...	...	...	49'055	-23'321	0.95	...	...	...	52'443	+30'797	-4	m	...
...	+46'297	-47'701	-1	...	...	...	+49'070	-38'171	-4	...	...	...	+52'550	+18'411	-4	m	...
...	46'321	-41'992	-2	...	...	...	49'209	-4'023	-4	...	...	...	52'721	46'477	-5	e	...
...	46'461	-46'444	-5	...	...	*	49'228	-42'080	1.40	51.9627	9.5	...	52'889	-30'188	-4	e	...
...	46'547	-41'466	-2	...	...	†	49'240	-50'460	-4	...	...	<i>e</i> *	52'940	59'171	1.80	51.9636	9.2
...	46'578	+35'473	-5	m	...	...	49'384	39'262	1.30	51.9629	9.6	<i>e</i> *	53'183	-31'222	1.15	...	...
2561I	+46'602	+30'703	-1	...	...	2621I	+49'469	-10'378	-5	...	...	<i>e</i> *	+53'243	-31'416	0.95	51.9635	9.3
...	46'641	-52'182	-5	...	...	†	49'616	-32'356	0.75	...	...	<i>e</i> *	53'310	-20'582	-5	e	...
†	46'665	+34'835	-4	m	...	*	49'671	-19'498	1.30	51.9628	9.3	†	53'324	+14'826	0.90	...	...
...	46'672	-28'350	-4	...	...	...	49'730	-0'146	0.90	f	...	<i>e</i> *	53'424	-44'565	1.10	51.9637	9.8
...	46'718	-6'417	-3	...	...	...	49'780	+47'375	-4	...	...	...	53'486	-16'346	-5	e	...
...	+46'746	-47'935	0.90	51.9620	10.0	...	+49'828	+0'382	-5	m	...	<i>e</i> *	+53'491	-49'815	1.20	51.9638	9.8
...	46'765	-42'242	-5	...	...	†	49'842	-30'073	-2	...	...	*	53'512	+10'748	2.00	50.9463	8.8
...	46'780	+15'562	-5	m	...	...	49'865	-24'554	-2	...	...	...	53'534	+38'850	-5	m	...
...	46'813	-43'433	-5	p	...	...	49'924	-28'945	-4	...	...	...	53'654	+43'468	-5	m	...
...	46'817	+4'519	-3	...	...	...	49'966	+47'216	-2	...	...	...	53'742	-40'946	-4	e	...
2571I	+46'827	-36'833	1.40	51.9619	9.4	2631I	+49'991	+14'520	3.60	50.9459	7.7	2691I	+53'780	-23'454	-5	e	...
*	46'851	-31'688	-5	p	...	S *	50'026	+24'070	-5	m	...	...	53'789	-18'930	-2	e	...
...	46'886	-13'595	-2	...	...	...	50'127	-41'796	-5	...	...	...	53'834	-28'256	0.80	e	...
*	46'934	-50'935	1.30	51.9621	9.8	*	50'208	+38'590	1.00	50.9458	10.0	*	53'923	+51'279	1.00	50.9462	9.9
...	46'949	+38'717	-2	...	...	...	50'268	+0'620	-4	m	...	...	53'937	-18'798	-5	e	...
...	+46'958	-56'128	-4	...	...	...	+50'318	-31'139	-5	p	...	...	+53'955	+17'480	0.70	...	...
...	47'000	+43'020	0.90	50.9452	10.0	...	50'330	+37'544	-2	...	...	...	54'056	-40'328	-5	e	...
...	47'134	+3'388	-1	...	...	*	50'356	-55'380	1.20	51.9631	9.8	*	54'105	+46'324	1.70	50.9464	9.2
...	47'252	-53'016	-3	...	...	...	50'361	54'327	-5	...	...	...	54'108	-27'170	0.70	e	...
...	47'337	+58'598	-3	...	...	...	50'395	-16'846	-2	...	...	...	54'184	-43'527	-3	e	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.	
2701-2740						2741-2780						2781-2796						
270I	+54.245	+6.380	-1	...	...	274I	+56.099	-34.071	-5	e	...	278I	+58.469	-29.326	-5	e	...	
*	54.256	+2.648	1.00	50.9465	9.9	...	56.109	-41.651	-3	e	...	...	58.525	-24.091	-1	e	...	
...	54.328	-8.253	0.70	e	...	...	56.222	-43.140	-3	e	...	...	58.593	+55.021	-2	...	...	
...	54.330	-3.112	-3	e	...	...	56.227	-43.817	-2	e	...	...	58.753	+39.589	-3	...	...	
...	54.336	-9.611	-1	e	...	e *	56.291	-14.275	1.80	51.9641	9.0	...	58.852	-14.278	-3	e	...	
†	+54.441	-27.648	0.70	e	...	...	+56.313	-31.972	-3	e	...	...	+58.960	-24.508	-3	e	...	
†	54.459	-31.604	-4	e	...	...	56.394	-28.933	-3	e	...	...	58.999	-29.010	-5	e	...	
...	54.524	-54.567	-5	...	...	...	56.417	-6.842	-3	e	...	...	59.007	-45.287	-4	e	...	
...	54.538	+44.408	-5	m	...	...	56.418	-43.721	-5	e	...	...	59.080	-28.026	-1	e	...	
...	54.678	+4.059	0.90	...	...	...	56.555	+52.231	-4	...	...	...	59.301	-44.291	-4	e	...	
271I	+54.702	-52.481	1.40	51.9639	9.8	275I	+56.728	+23.270	-3	e	...	279I	+59.308	-24.690	-2	e	...	
e *	54.722	+45.903	-4	...	...	...	56.784	-23.141	-5	e	...	...	59.320	-16.405	-4	e	...	
...	54.800	-22.578	-3	e	...	...	56.868	-20.942	0.90	e	...	...	59.328	+1.830	-5	e	...	
...	54.840	-17.034	0.80	e	...	...	56.902	-34.015	-3	e	...	...	59.363	+53.562	-3	...	...	
...	54.933	+2.819	-5	e	...	...	56.910	-42.226	-2	e	...	...	†	59.404	-56.729	-5	e	...
*	+54.951	+14.339	1.00	50.9467	9.8	e	+57.017	-41.678	1.00	51.9642	10.0	†	+59.432	+9.307	0.90	...	...	
...	55.054	-4.369	-4	e	...	...	57.114	+21.465	-5	e	...							
...	55.061	+24.974	-5	...	...	...	57.195	-23.251	-2	e	...							
*	55.114	+29.619	1.00	50.9466	10.0	...	57.204	-42.078	-2	e	...							
...	55.185	+18.519	-3	...	...	...	57.303	-27.825	-1	e	...							
272I	+55.185	-21.202	-1	e	...	276I	+57.335	-11.823	-4	e	...							
...	55.307	+30.256	-5	e	...	...	57.380	-14.457	-3	e	...							
...	55.351	+3.198	0.80	...	...	...	57.427	-38.187	-3	e	...							
...	55.356	+23.995	-3	...	...	...	57.431	-27.791	-5	e	...							
...	55.434	-7.980	-3	e	...	...	57.463	-32.502	-2	e	...							
*	+55.495	-11.757	0.95	e	...	...	+57.480	-38.429	-3	e	...							
...	55.533	-31.970	-3	e	...	...	57.516	-46.061	-2	e	...							
e *	55.538	-37.285	1.70	51.9640	8.9	...	57.530	-38.189	-4	e	...							
...	55.554	-39.369	-3	e	...	...	57.788	+4.765	-4	e	...							
...	55.610	-44.327	-2	e	...	...	57.826	-23.464	-3	e	...							
273I	+55.663	+17.744	-2	...	...	277I	+57.834	+45.236	0.95	50.9470	10.0							
...	55.672	+48.852	0.75	50.9468	10.0	...	57.840	+56.037	1.00	50.9469	10.0							
...	55.774	+29.913	-4	m	...	...	57.981	-18.940	-3	e	...							
...	55.924	-11.968	-4	e	...	...	58.154	+3.860	-2	...	...							
...	55.944	+56.819	-3	...	...	...	58.155	-22.433	-5	e	...							
...	+55.956	-10.449	-4	e	...	...	+58.184	+24.139	-4	e	...							
...	55.975	-10.281	-1	e	...	...	58.259	-32.994	-4	e	...							
...	56.027	-48.518	-5	e	...	...	58.283	-49.199	-3	e	...							
...	56.059	+36.514	-5	m	...	...	58.364	+4.019	-4	...	...							
...	56.091	-52.466	-3	e	...	e *	58.374	-37.030	1.40	51.9643	9.5							

1-10						11-20						21-30					
I	-60.233	+10.603	2.00	50.9463	8.8	II	-59.536	-5.573	-5	p	...	21	-58.991	-31.006	-5	...	...
†	60.083	+17.362	1.00	...	...	...	59.418	+29.528	1.20	50.9466	10.0	...	58.947	+23.914	-4	...	...
...	60.062	-37.262	-4	E	...	*	59.364	+11.560	-4	M	...	...	58.946	+14.255	1.00	50.9467	9.8
...	60.036	-26.100	-2	E	...	...	59.352	+6.288	0.75	...	...	...	58.913	+52.187	-4	...	...
E *	59.936	-38.962	1.50	51.9633	9.5	...	59.288	+24.896	-5	...	...	...	58.891	+18.453	-2	...	...
...	-59.863	-52.809	-2	E	...	...	-59.243	+30.174	-5	E	...	nE *	-58.879	-31.339	1.25	51.9635	9.3
...	59.688	+56.748	-4	...	...	...	59.214	-30.319	-3	E	...	...	58.867	-3.204	0.70	E	...
...	59.653	-57.219	-5	E	...	*	59.178	+2.543	1.00	50.9465	9.9	...	58.850	-26.385	-5	p	...
...	59.632	+48.772	1.00	50.9468	10.0	...	59.172	-16.447	-5	E	...	nE *	58.806	-31.531	1.00	51.9635	9.3
E *	59.592	-41.711	1.40	51.9634	9.6	...	59.165	-20.699	-5	E	...	...	58.803	+3.978	0.90	...	...

L measured from 1, 191, 412, 635, 809, 958, 1128, 1314, 1452, 1602, 1754, 1907.
MC " " 91, 296, 523, 718, 891, 1038, 1215, 1387, 1524, 1685, 1836, 1972.

26, 29. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
31-90						91-150						151-210					
3I	-58.764	-19.029	-2	E	...	9I	-55.184	-23.207	-1	E	...	15I	-52.055	+32.559	-4	M	...
...	58.710	-46.611	-5	E	...	...	55.138	+4.092	-2	...	...	...	52.029	-42.204	-3	...	...
...	58.665	-8.324	0.75	E	...	...	55.129	-43.675	-4	E	...	...	51.965	+24.321	-4	M	...
...	58.617	-18.889	-3	E	...	...	55.110	-52.453	-2	E	...	...	51.915	-37.893	-3	...	...
...	58.603	-9.684	0.70	E	...	...	55.033	-33.974	-1	E	...	...	51.838	-44.756	-2	...	...
...	-58.576	-23.549	-5	E	...	...	-54.884	-27.773	0.80	E	...	...	-51.775	15.386	0.75	...	...
...	58.494	+2.741	-5	E	...	...	54.765	-27.728	-4	E	...	*	51.657	+57.654	2.60	49.9394	8.1
...	58.391	+17.683	0.70	...	...	...	54.750	+25.488	-4	M	...	...	51.597	-56.572	-4	E	...
...	58.349	-28.348	-1	E	...	...	54.691	-1.042	-5	...	...	...	51.548	-46.649	-5	...	...
...	58.122	-27.245	0.85	E	...	...	54.690	-42.175	-2	E	...	...	51.506	-42.236	-4	...	...
4I	...	...	...	...	...	10I	...	...	...	...	...	16I	...	...	...	...	...
...	-58.086	-4.418	-4	E	...	E	-54.616	-41.625	0.95	51.9642	10.0	...	-51.503	-12.311	0.85	...	...
...	58.084	+3.138	0.90	...	...	...	54.570	-18.869	0.70	E	...	...	51.489	+3.621	-5	M	...
E *	58.082	-44.671	1.40	51.9637	9.8	...	54.554	+28.468	-4	M	...	...	51.441	+31.319	-4	M	...
E *	57.974	-59.275	1.60	51.9636	9.2	...	54.544	-23.391	-3	E	...	...	51.407	+38.400	-3	...	...
E †	57.932	-41.037	-3	E	...	...	54.536	-32.439	0.80	E	...	...	51.400	+58.213	-4	...	...
...	-57.809	-49.908	1.25	51.9638	9.8	...	-54.519	+48.817	-4	M	...	...	-51.348	-42.354	0.90	...	...
...	57.787	-17.093	0.85	E	...	...	54.471	+34.256	-5	M	...	...	51.304	-55.124	-5	p	...
...	57.780	+56.045	1	50.9469	10.0	...	54.457	+35.908	-3	B	...	...	51.267	+46.304	-5	M	...
...	57.758	-27.706	0.85	E	...	...	54.433	+50.383	-4	M	...	...	51.222	+2.245	0.75	...	...
...	57.626	-40.393	-5	E	...	...	54.403	-42.008	-2	E	...	*	51.216	-8.486	0.95	51.9646	10.0
5I	...	...	...	...	...	11I	...	...	...	...	...	17I	...	...	...	...	...
...	-57.591	-22.640	-3	E	...	...	-54.351	-38.121	-2	E	...	...	-51.203	-15.194	-5	...	...
...	57.581	-31.673	-3	E	...	...	54.309	-49.197	-5	p	...	...	51.194	+44.081	-2	...	...
...	57.573	-8.018	-2	E	...	...	54.280	-38.361	-3	E	...	...	51.079	-53.024	-1	...	...
...	57.545	+23.247	-4	E	...	...	54.264	+9.415	0.80	...	...	...	51.047	+20.507	-3	M	...
...	57.379	-43.601	-4	E	...	...	54.240	-22.357	-4	E	...	...	51.018	+20.623	-4	M	...
...	-57.344	-11.793	1.00	E	...	...	-54.225	-38.118	-3	E	...	S *	-50.898	+40.040	2.95	50.9475	8.4
...	57.312	+45.249	1.05	50.9470	10.0	...	54.162	-14.815	-5	...	...	...	50.848	-23.452	-5	...	...
...	57.308	+47.634	-5	M	...	...	54.078	+1.946	-5	E	...	...	50.749	-24.679	-5	...	...
...	57.275	-21.251	0.70	E	...	...	54.050	+22.230	-3	B	...	...	50.745	-52.190	-3	...	...
...	57.080	+21.451	-5	E	...	*	54.040	+15.019	1.60	50.9471	9.2	...	50.644	-27.320	0.80	...	...
6I	...	...	...	...	...	12I	...	...	...	...	...	18I	...	...	...	...	...
...	-56.972	+55.047	-1	...	...	...	-53.936	-45.988	-2	E	...	...	-50.633	+47.209	-3	...	...
...	56.938	-10.474	-5	E	...	...	53.897	-14.174	0.70	E	...	*	50.626	+18.263	1.40	50.9474	9.4
...	56.916	-10.298	0.75	E	...	...	53.805	-23.991	0.85	E	...	*	50.536	-22.771	1.00	51.9648	10.0
...	56.908	-11.988	-3	E	...	...	53.707	-32.901	-3	E	...	...	50.536	-49.025	-1	...	...
...	56.627	-6.842	-2	E	...	...	53.673	-29.230	-5	E	...	...	50.510	-29.571	0.90	...	...
...	-56.478	-31.997	-3	E	...	...	-53.640	-25.256	-4	...	...	...	-50.422	+13.259	-3	M	...
E *	56.476	-52.532	1.30	51.9639	9.8	...	53.496	-49.660	-5	p	...	†	50.381	+16.295	0.70	...	...
...	56.471	-20.682	-5	...	...	...	53.465	+12.224	-2	...	...	†	50.364	+9.071	0.70	...	...
E *	56.450	-14.278	1.50	51.9641	9.0	E *	53.448	-36.926	1.50	51.9643	9.5	†	50.345	-2.882	-2	...	...
E *	56.272	-37.304	2.00	51.9640	8.9	...	53.365	-24.397	-2	E	...	†	50.319	-44.954	-5	...	...
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
...	-56.185	+39.647	-2	...	...	...	-53.340	-16.275	-4	E	...	...	-50.197	-27.370	0.95	...	...
...	56.169	-39.388	-3	E	...	*	53.200	+34.402	1.10	50.9472	9.8	...	50.167	+25.636	-2	A	...
...	56.143	+53.626	-3	...	...	...	53.156	-28.894	-4	E	...	...	50.167	-31.768	-5	...	...
...	56.123	+24.179	-3	E	...	...	53.100	-27.904	0.80	...	...	...	50.125	-55.953	1.00	...	...
...	55.908	-44.332	-1	E	...	...	53.094	-18.837	0.80	E	...	*	50.080	-5.687	1.00	...	...
†	-55.868	+54.822	-4	...	...	...	-53.032	-49.090	-3	E	...	...	-50.047	-33.702	0.90	...	...
...	55.839	-34.051	-5	E	...	...	53.002	-24.562	-1	E	...	*	50.037	-50.539	1.15	51.9647	9.8
...	55.746	-28.928	-2	E	...	...	52.978	+17.325	-3	...	...	...	49.967	-39.426	0.95	...	...
†	55.733	+4.810	-2	E	...	...	52.940	-13.922	0.85	...	...	...	49.964	-41.124	-5	...	...
...	55.719	-31.962	-2	E	...	...	52.706	-23.751	-4	...	...	...	49.883	-40.725	-5	p	...
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
...	-55.669	+6.988	-5	M	...	...	-52.601	-26.323	-3	...	...	...	-49.841	-25.916	-4	...	...
...	55.596	-20.923	1.00	E	...	...	52.466	-45.151	-4	E	...	...	49.798	-25.169	-5	...	...
...	55.594	-23.115	-5	E	...	*	52.425	-16.376	1.00	51.9644	10.0	...	49.770	-31.537	-2	...	...
...	55.510	-41.648	-3	E	...	...	52.352	+32.074	-3	...	...	...	49.759	+22.082	-4	M	...
...	55.493	-11.781	-4	E	...	*	52.285	-5.514	1.20	51.9645	9.6	...	49.744	-52.005	0.90	...	...
†	-55.357	-14.427	-3	E	...	...	-52.282	-0.406	-5	...	...	...	-49.710	-10.364	-2	...	...
...	55.351	-43.130	-1	E	...	...	52.282	-0.449	-4	...	...	*	49.683	+0.841	1.25	50.9476	9.2
†	55.332	+3.915	0.70	...	...	...	52.225	-44.152	-3	E	...	...	49.649	-26.706	1.00	...	...
†	55.324	-43.802	0.75	E	...	*	52.098	+3.825	1.50	50.9473	9.3	...	49.626	+37.068	-5	...	...
†	55.321	-48.528	-5	E	...	...	52.081	+13.120	-5	M	...	...	49.604	-57.951	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		s.	y.		No.	Mag.
211-270						271-330						331-390					
21I				°		27I				°		33I				°	
...	-49'545	-31'875	-5	...	...	...	-46'506	-38'806	-5	...	...	...	-44'167	-19'342	-3	...	...
...	49'523	+25'368	-5	M	...	...	46'505	+26'843	-5	M	...	...	44'132	+59'248	1'60	49.9400	9.4
...	49'472	+29'326	-2	A	...	...	46'431	+28'382	-5	M	...	...	44'013	+27'111	-3	...	...
...	49'423	+17'789	0.80	...	...	...	46'339	-20'716	-4	...	...	...	43'998	+12'522	-4	M	...
F †	49'373	-0'053	1.20	50.9477	9.3	...	46'286	+41'677	-5	M	...	...	43'947	+4'387	0.90	50.9486	10.0
...	-49'310	+17'245	0.80	...	...	...	-46'149	-38'142	0.80	...	...	...	-43'903	+11'244	-5	M	...
...	49'268	-29'749	0.80	...	...	...	46'148	-38'713	-2	...	...	...	43'870	+18'545	-3	M	...
...	49'239	-2'348	0.80	...	...	...	46'142	-18'562	-3	...	...	...	43'809	+17'989	-3	...	...
...	49'238	+21'421	-5	M	...	...	46'131	+5'245	-5	M	...	...	43'794	+36'748	-5	M	...
...	49'166	+3'587	0.70	...	...	...	46'080	-37'045	-5	p	...	...	43'792	-53'510	-4	...	...
22I						28I						34I					
...	-49'107	+24'968	-5	M	...	...	-46'055	-1'898	0.90	...	...	...	-43'728	-55'944	-4	...	...
...	49'074	+26'266	-3	B	...	...	46'042	-55'329	-5	p	...	...	43'664	-20'231	-4	...	...
*	49'052	+46'651	1.15	50.9479	9.8	...	46'026	+28'239	-2	...	...	...	43'621	-5'363	1.00	51.9655	10.0
...	49'040	+22'254	-4	M	...	...	46'008	+41'097	-5	M	...	...	43'594	-35'725	-4	...	...
...	48'934	-28'398	-5	...	...	...	45'949	-21'427	-3	...	...	...	43'507	+45'807	0.90	...	...
...	-48'918	-16'249	-4	...	...	†	-45'937	-20'043	0.70	...	...	...	-43'280	+5'183	-3	M	...
...	48'890	-17'877	-2	...	...	...	45'872	-13'170	0.80	...	...	...	43'273	+14'367	-5	M	...
...	48'888	+54'625	-4	...	...	...	45'848	+3'576	0.70	...	...	*	43'245	-21'611	1.00	51.9656	10.0
*	48'877	-31'216	0.90	...	...	...	45'843	-2'267	-5	...	...	...	43'190	-22'159	-4	...	...
...	48'838	-41'161	0.80	...	...	...	45'810	-9'979	-3	...	...	*	43'174	-46'883	1.80	51.9654	9.0
23I						29I						35I					
*	-48'791	+13'867	0.95	50.9478	9.9	...	-45'801	-16'762	-3	...	...	...	-43'134	-3'337	0.75	...	...
...	48'769	-52'317	-5	...	...	...	45'779	-0'632	0.80	...	...	...	43'126	-23'872	-4	...	...
...	48'568	-44'174	-5	...	...	...	45'681	-22'220	-4	...	...	...	43'032	-43'348	-4	...	...
...	48'553	-23'013	-2	...	...	...	45'490	+14'467	-3	M	...	...	42'974	-21'299	-5	...	...
†	48'517	-30'066	0.85	...	...	†	45'358	+7'338	0.80	...	...	...	42'953	-41'158	-3	...	...
...	-48'483	-38'163	-3	...	...	†	-45'292	-18'560	-3	...	...	...	-42'943	+50'361	1.00	50.9488	10.0
...	48'471	-26'901	-5	...	...	...	45'256	-21'103	-5	...	...	...	42'926	-36'728	-3	...	...
*	48'421	+17'776	1.00	...	...	...	45'210	+9'327	-4	M	...	...	42'922	+33'003	-3	...	...
...	48'384	+19'543	0.85	...	...	...	45'203	-22'762	-4	...	...	...	42'869	+58'004	1.00	...	...
...	48'364	-13'070	-5	...	...	...	45'202	-18'486	-5	...	...	...	42'773	+27'539	-4	M	...
24I						30I						36I					
...	-48'362	-32'685	-4	...	...	*	-45'164	-21'130	1.40	51.9651	9.2	...	-42'750	+28'188	-5	M	...
*	48'358	+26'406	1.25	50.9480	9.3	...	45'158	-32'715	-4	...	...	...	42'700	+4'761	-2	...	...
...	48'354	-22'732	-2	...	...	*	45'155	-8'176	1.40	51.9653	9.5	...	42'687	-9'231	-5	...	...
...	48'321	-48'820	1.00	...	...	*	45'151	+12'613	2.50	50.9483	8.2	*	42'681	+2'052	1.20	50.9487	9.8
...	48'282	-3'040	0.90	...	...	*	45'106	-52'191	0.95	51.9650	10.0	...	42'642	-16'966	-4	...	...
...	-48'162	-3'314	0.90	...	...	...	-45'051	+26'316	-2	...	...	*	-42'591	-17'592	1.40	51.9658	9.3
*	48'112	-51'676	1.10	51.9649	10.0	†	45'049	+14'847	0.80	...	...	...	42'541	-35'182	0.85	...	...
...	48'109	+39'932	-2	B	...	...	45'041	-46'135	0.85	...	...	...	42'412	-55'068	-4	...	...
...	47'973	-40'707	-5	p	...	*	45'017	+3'031	1.00	50.9484	9.8	*	42'392	-14'677	2.30	51.9659	8.6
...	47'934	-14'793	0.80	...	...	...	45'016	-38'998	-3	...	...	...	42'240	-32'506	-5	...	...
25I						31I						37I					
...	-47'739	-31'653	-5	...	...	*	-45'003	-49'552	-4	...	...	...	-42'221	-35'977	-4	...	...
...	47'676	-24'069	0.70	...	...	...	44'930	-32'091	1.00	51.9652	10.0	...	42'169	+19'988	-2	...	...
...	47'671	-17'680	0.80	...	...	...	44'900	-31'198	-3	...	...	...	42'129	+6'083	-5	p	...
...	47'565	+9'746	-2	B	...	...	44'865	-37'621	-1	...	...	...	42'115	-53'454	-3	...	...
...	47'557	-41'858	-5	...	...	...	44'864	-41'732	-2	...	...	...	42'104	+13'301	-4	...	...
...	-47'514	-3'228	-3	...	...	...	-44'859	-43'767	-2	...	...	*	-42'044	-53'338	0.95	51.9657	9.8
...	47'471	-35'950	0.70	...	...	...	44'805	-14'582	-2	...	...	...	42'030	-6'128	-5	p	...
...	47'439	-22'930	-5	...	...	...	44'774	-28'695	0.90	...	...	...	41'991	+44'401	-3	...	...
*	47'431	+37'052	1.15	50.9482	9.8	...	44'758	+8'729	-4	M	...	...	41'909	+45'606	-3	...	...
*	47'203	+14'765	1.00	50.9481	9.8	...	44'614	-29'351	-4	...	...	...	41'816	+43'916	-5	M	...
26I						32I						38I					
...	-47'200	-52'455	-4	...	...	*	-44'566	-43'630	-3	...	...	...	-41'639	-36'594	-5	...	...
...	47'165	+46'385	-5	M	...	...	44'512	+33'689	2.60	50.9485	8.4	...	41'592	-56'000	-5	p	...
...	46'978	-41'767	-3	...	...	...	44'439	-36'050	-5	...	...	...	41'590	+1'596	-2	...	...
...	46'915	+31'146	1.00	...	...	...	44'358	-33'950	-3	...	...	...	41'585	-23'912	-1	...	...
...	46'912	+18'071	-5	M	...	...	44'322	-33'821	-4	...	...	*	41'537	-7'633	2.80	51.9660	8.4
...	-46'855	-45'863	-3	...	...	...	-44'266	+43'077	-3	...	...	...	-41'508	-37'860	-3	...	...
...	46'795	+32'970	-3	A	...	...	44'240	-24'949	-4	...	...	...	41'496	-55'515	-1	...	...
...	46'752	-42'144	-5	...	...	...	44'201	-21'856	0.80	...	...	...	41'493	-27'761	-4	...	...
...	46'751	-32'505	-5	...	...	†	44'200	-44'983	-3	...	...	...	41'459	-21'441	-3	...	...
...	46'572	-51'798	0.95	...	...	...	44'184	-54'289	-4	...	...	...	41'352	+9'732	-5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
391-450						451-510						511-570					
39I	-41°259	+26°095	1.40	50.9490	9.5	45I	-38°737	-25°405	0.90	...	...	51I	-35°732	+8°508	1.00	50.9500	9.8
...	41°259	-33°835	0.65	...	...	...	38°597	-47°243	-3	...	...	...	35°726	+54°423	1.00	...	...
...	41°144	-27°449	-1	...	...	*	38°576	-37°205	1.00	51.9665	10.0	...	35°707	-11°554	0.70	...	...
...	41°060	+3°273	-4	M	...	...	38°521	-32°321	-4	...	...	*	35°706	-48°759	1.00	51.9671	10.0
...	41°020	-1°010	-2	...	...	...	38°516	-56°145	-5	...	...	...	35°695	-17°312	-5	...	...
...	-41°013	+22°759	-4	M	...	...	-38°513	+29°104	0.70	...	...	*	-35°663	-22°210	1.00	51.9675	10.0
...	40°967	-11°295	-4	...	...	...	38°341	+29°525	-5	M	...	*	35°628	+0°605	1.00	50.9501	10.0
*	40°949	+3°386	1.00	50.9489	9.8	...	38°333	-31°010	-5	...	...	...	35°591	-25°396	-5	...	...
...	40°941	-51°750	-5	p	...	...	38°305	+15°751	-4	...	...	...	35°483	-57°868	-5	...	...
...	40°902	+56°196	-4	M	...	*	38°160	-25°714	1.00	51.9667	9.6	...	35°461	+31°805	0.70	...	...
40I	-40°835	+55°522	1.10	50.9492	9.8	46I	-37°985	-31°452	-4	...	...	52I	-35°456	-58°138	-1	...	...
...	40°813	+37°187	-3	...	...	*	37°958	+26°513	1.00	50.9497	9.8	...	35°429	+8°913	-3	...	...
...	40°801	-57°302	-4	...	...	*	37°936	-3°178	3.00	50.9496	8.2	†	35°297	-27°342	0.90	51.9677	10.0
...	40°746	+30°535	-3	...	...	...	37°934	-27°656	-5	...	...	...	35°275	-25°142	0.70	...	...
...	40°704	-24°836	0.75	...	...	...	37°928	-31°598	-3	...	...	...	35°224	-15°729	-4	...	...
...	-40°663	-54°830	-5	p	...	...	-37°887	-27°144	-2	...	...	...	-35°198	+9°310	-2	...	...
...	40°632	-17°592	-5	...	...	...	37°874	-11°613	0.95	...	...	*	35°179	+30°997	1.00	50.9502	9.6
...	40°609	1°973	-5	p	...	...	37°873	-2°421	-5	...	...	...	35°173	-37°266	-5	...	...
...	40°503	+27°090	-4	M	...	...	37°855	-55°724	-5	...	...	...	35°166	-38°198	-5	...	...
...	40°454	-30°312	-3	...	...	*	37°799	-55°481	1.20	51.9666	9.6	...	35°146	+43°618	-5	M	...
41I	-40°396	+27°479	-5	M	...	47I	-37°770	-31°545	1.00	51.9668	9.8	53I	-35°016	-21°660	-4	...	...
†	40°236	30°351	-5	...	...	...	37°760	+2°918	-4	M	...	...	35°005	-43°322	-5	...	...
...	40°233	+27°415	0.90	...	...	...	37°623	-19°279	0.85	...	...	...	34°953	-37°822	-2	...	...
...	40°089	+1°164	0.70	...	...	...	37°608	-52°354	-2	...	...	...	34°932	-59°672	0.90	51.9676	9.8
...	40°088	-8°600	0.90	...	...	...	37°605	-25°956	0.90	...	...	...	34°825	-34°430	-2	...	...
...	-40°077	+48°949	-5	M	...	...	-37°565	-30°976	-5	...	...	...	-34°810	+53°685	-2	...	...
...	40°055	-31°703	-4	...	...	...	37°523	-53°160	-5	...	...	*	34°704	-31°949	1.70	51.9679	9.0
...	40°029	-39°411	-5	p	...	...	37°507	-7°454	-5	...	...	...	34°647	-56°887	-1	...	...
*	40°014	-17°652	0.95	51.9661	10.0	...	37°503	-34°739	-2	...	...	...	34°646	-21°323	-2	...	...
*	39°926	+5°139	1.00	50.9491	9.8	...	37°478	+0°185	0.90	...	...	*	34°404	-25°490	2.00	51.9680	8.9
42I	-39°836	+47°864	-5	M	...	48I	-37°477	+44°115	1.00	50.9499	9.8	54I	-34°349	-52°464	-3	...	...
...	39°824	-47°132	-2	...	...	*	37°459	-31°999	-5	...	...	...	34°297	-0°543	-1	...	...
...	39°751	-54°557	-5	...	...	...	37°455	+3°693	-5	M	...	...	34°264	-11°383	0.85	...	...
...	39°727	+11°274	-3	...	...	...	37°430	+17°599	-4	M	...	*	34°200	-32°854	1.40	51.9681	9.5
...	39°716	+5°285	0.75	...	...	...	37°390	+38°514	-4	M	...	...	34°183	-0°590	-4	...	...
...	-39°700	-28°547	0.95	...	...	...	-37°314	-2°529	0.70	...	...	*	-34°159	+51°933	1.00	50.9503	9.9
...	39°694	-40°687	-2	...	...	...	37°295	-21°319	0.70	...	...	...	34°156	-40°634	-5	...	...
*	39°689	+5°433	1.15	50.9493	9.6	†	37°286	-0°146	0.65	...	...	...	34°016	-20°668	0.80	...	...
...	39°655	+51°780	-5	M	...	...	37°276	-17°752	0.80	...	...	...	33°998	+28°017	0.80	...	...
*	39°574	-18°568	1.60	51.9662	9.0	...	37°087	-23°575	-5	p	...	...	33°993	+39°573	-3	B	...
43I	-39°550	+54°878	-4	...	...	49I	-37°073	+2°206	1.70	50.9498	9.0	55I	-33°989	+56°574	0.85	50.9505	10.0
...	39°494	+19°625	-3	...	...	*	37°043	+11°204	-2	B	...	...	33°897	-25°730	-2	...	...
*	39°480	-23°660	1.00	51.9663	10.0	...	36°534	-6°590	0.90	...	...	†	33°886	-45°055	-5	...	...
...	39°428	-39°581	-2	...	...	...	36°523	-32°567	0.90	...	...	...	33°828	-25°344	0.80	...	...
...	39°375	-21°864	-5	...	...	...	36°445	+34°369	0.85	...	...	...	33°786	+3°579	0.65	...	...
*	-39°333	-20°808	1.25	...	...	*	-36°440	-31°094	1.00	51.9669	9.6	†	-33°780	-34°974	0.65	...	...
*	39°194	-20°707	1.20	...	...	...	36°415	-18°234	0.70	...	...	...	33°726	-31°812	-5	p	...
...	39°177	-11°112	-5	p	...	...	36°407	-25°339	-3	...	...	...	33°720	-11°419	-3	...	...
...	39°160	+9°805	-5	M	...	*	36°387	-28°912	1.05	51.9670	9.8	...	33°702	+39°909	-3	...	...
...	39°140	-36°368	0.85	...	...	...	36°369	-29°296	-5	...	...	*	33°697	+37°638	1.50	50.9504	9.3
44I	-39°123	-14°920	-4	...	...	50I	-36°337	+17°569	-2	...	...	56I	-33°634	-36°583	-5	p	...
*	39°046	+43°989	1.30	50.9495	9.3	...	36°326	-8°575	-5	...	...	...	33°604	+46°994	0.90	...	...
...	39°036	+14°946	-5	M	...	...	36°242	-25°460	-5	...	...	*	33°566	-59°534	1.10	51.9682	9.8
...	39°006	+17°726	0.65	...	...	...	36°221	+38°580	-2	A	...	...	33°529	-24°967	0.85	...	...
...	38°924	-9°163	-5	...	...	*	36°167	-6°400	1.00	51.9673	10.0	...	33°487	-22°239	-5	p	...
...	-38°828	+45°662	-2	...	...	...	-35°997	-11°990	-2	...	...	†	-33°459	+39°746	-4	...	...
...	38°827	-54°655	-5	p	...	...	35°942	+41°364	-4	M	...	...	33°413	-21°821	-5	p	...
...	38°812	-27°576	-5	...	...	...	35°930	+27°076	-3	...	...	...	33°285	+7°079	-4	M	...
*	38°811	-1°548	1.05	50.9494	9.8	...	35°860	+51°388	-3	...	...	...	33°258	-32°299	-4	...	...
...	38°790	+4°422	0.65	...	...	*	35°746	-17°111	1.40	51.9674	9.4	...	33°206	+44°427	-5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
571-630						631-690						691-750					
57I	-33.139	+ 5.872	-4	M		63I	-30.490	-36.862	-1			69I	-26.765	+17.284	-5	M	
...	33.063	+10.136	-3	M		...	30.447	-59.763	-4			...	26.760	-52.339	-5		
...	33.057	-26.031	-5			†	30.401	-11.317	-4			...	26.634	-44.803	-3		
...	32.980	-26.285	-5			†	30.360	-45.324	-3			...	26.630	-31.720	0.95		
...	32.934	-27.445	-3			†	30.304	-31.755	0.90			...	26.528	-32.885	0.85		
...	-32.933	+ 1.419	-5	M		...	-30.145	+ 8.740	-5	M		...	-26.507	+40.097	-3	B	
S *	32.872	-18.470	2.90	51.9684	8.4	...	30.138	-37.675	-5			n	26.434	-47.883	0.95	51.9698	9.6
...	32.867	-37.016	-2			†	30.102	-39.954	0.70			...	26.366	-45.446	-3		
...	32.850	-38.849	-3			...	30.047	-38.623	-5			...	26.348	- 0.260	1.00	50.9511	9.8
...	32.849	+ 5.942	-4	M		...	29.764	-52.111	-3			...	26.340	- 2.784	-4		
58I	-32.788	-56.663	-5	p		64I	-29.743	-35.239	-5			70I	-26.243	- 7.685	-3		
...	32.648	-48.395	-3			...	29.742	-40.676	-3			...	26.199	-32.410	-2		
...	32.645	-41.635	-5			†	29.660	-29.998	0.70			n *	26.186	-47.789	1.00	51.9698	9.6
†	32.532	-44.977	0.65			...	29.521	-31.726	-3			...	26.153	-16.129	-5	p	
...	32.524	+45.544	-4	M		...	29.516	-29.048	-2			...	26.105	+10.677	-5	M	
...	-32.302	+ 8.531	-5	M		...	-29.460	-35.933	-5	p		...	-26.047	+56.692	-5	M	
...	32.258	+45.310	0.90			...	29.420	-24.204	-4			...	26.014	-41.896	0.85		
...	32.224	+33.802	-1			...	29.154	+ 3.275	-2			...	25.961	+22.301	0.75		
...	32.204	-31.097	0.80			...	29.131	-16.545	-5	p		...	25.908	- 1.587	0.70		
...	32.191	- 0.736	-4			*	29.100	+30.480	1.00	50.9508	10.0	...	25.877	+25.661	-2		
59I	-32.182	+38.186	-4	M		65I	-29.083	+44.033	-3	B		71I	-25.729	-13.063	-5		
...	32.164	-43.447	-4			†	29.083	-34.989	-4			*	25.712	+17.894	0.95	50.9512	10.0
...	32.158	-36.324	-4			...	29.056	+29.331	0.95			...	25.710	+ 9.075	-3	M	
...	32.043	-33.501	-1			...	28.993	-57.903	-4			...	25.586	-30.261	-4		
*	31.974	+ 1.227	0.95			...	28.915	+ 3.862	-5	M		...	25.565	-23.542	-5		
...	-31.968	+ 2.300	-3	M		*	-28.743	-18.514	1.05	51.9691	9.8	...	-25.479	-52.794	-5		
...	31.950	-35.143	-4			*	28.689	-59.429	1.05	51.9690	9.8	...	25.471	- 6.029	-2		
...	31.944	-27.606	-4			*	28.617	+19.250	1.00	50.9509	9.6	*	25.193	-50.515	0.95		
...	31.905	-21.586	-3			...	28.524	-26.572	0.75			...	25.134	-39.894	-3		
*	31.835	-30.088	1.60	51.9686	9.3	...	28.473	-40.558	-5			...	25.073	+48.018	-4	M	
60I	-31.813	+ 2.093	-5	M		66I	-28.416	-56.730	-5			72I	-25.032	+42.011	-3		
...	31.767	-57.669	-5			...	28.412	-19.306	-5			...	24.954	-15.590	-4		
...	31.690	-40.191	0.75			...	28.350	-47.534	-5			...	24.934	-47.181	-3		
...	31.657	-17.967	-2			...	28.295	- 5.479	-5			...	24.906	-35.950	-4		
...	31.646	+37.660	-4	M		*	28.243	+37.899	1.00			*	24.896	+50.138	1.00	50.9513	9.8
...	-31.629	-39.653	-1			...	-28.190	+22.634	-5	M		...	-24.891	-16.440	-5		
...	31.575	-16.492	-4			...	28.142	+52.048	-5	M		...	24.879	+54.091	0.90		
...	31.560	-14.399	-5	p		...	28.026	-13.700	-2			...	24.843	-38.199	-3		
...	31.463	+ 1.738	-5	M		...	28.023	-57.492	-5			...	24.841	-11.564	-3		
...	31.322	-38.448	-3			*	28.008	+29.046	0.95	50.9510	9.8	...	24.787	-38.875	-3		
61I	-31.299	-12.094	-5	p		67I	-27.915	+53.801	0.95			73I	-24.758	-25.335	-4		
...	31.286	-34.519	-4			...	27.831	-10.465	-3			...	24.754	+11.407	-5	M	
...	31.253	+51.544	-5	M		...	27.677	- 5.159	-2			...	24.703	-43.493	-5		
...	31.253	-45.130	0.85			...	27.601	-26.233	-5	p		...	24.673	-44.799	-3		
...	31.233	-27.183	-5			...	27.569	-17.599	-5			...	24.646	+54.978	-5	M	
...	-31.128	+28.001	-5	M		...	-27.508	+51.488	-2			...	-24.626	-35.416	0.80		
...	31.114	+47.919	0.80			...	27.485	+ 2.224	-5	M		...	24.548	-31.256	-3		
*	31.096	-40.182	1.20	51.9687	9.6	*	27.479	-46.298	1.00	51.9695	10.0	...	24.530	-12.743	-5		
*	31.081	+25.187	1.00	50.9506	9.8	...	27.445	- 3.079	-3			...	24.480	-35.224	0.65		
...	31.042	-31.247	-2			...	27.404	-22.241	-4			*	24.463	-46.109	1.00	51.9699	9.6
62I	-30.949	-49.833	-4			68I	-27.384	-50.739	1.00	51.9694	9.6	74I	-24.413	-42.905	-3		
...	30.878	-33.832	-3			...	27.360	- 1.230	-5			...	24.391	- 1.605	-3		
...	30.793	-23.057	-4			...	27.246	-37.287	-5			*	24.389	-14.623	0.95	51.9700	10.0
...	30.712	+54.591	-2			...	27.200	+49.006	-4	M		...	24.262	-43.116	0.80		
...	30.699	- 6.886	-2			*	27.193	-18.143	1.00	51.9697	10.0	...	24.236	-40.768	0.75		
*	-30.633	-17.270	1.40	51.9688	9.4	...	-27.169	+21.763	-4	M		...	-24.173	+55.598	-5	M	
...	30.625	- 1.968	-4			...	27.015	- 4.703	-5			...	24.172	-39.707	-2		
...	30.576	-18.008	-3			...	26.927	+26.397	-3	B		...	24.121	+12.827	-3	M	
...	30.553	-48.435	-2			†	26.907	+14.826	-5	M		...	24.111	+10.034	-5	M	
*	30.529	+18.827	1.00	50.9507	9.8	...	26.889	+35.046	0.85			...	24.097	+12.125	-5	M	

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
751-810						811-870						871-930					
75I	-24°079	-27°708	-5	...	...	81I	-20°266	-51°949	-5	...	...	87I	-16°526	-24°549	0°70	...	...
*	23°920	-38°336	1°00	51.9701	9·8	...	20°186	+12°346	0°90	...	...	...	16°515	-19°214	-5	...	...
...	23°886	-38°108	-3	...	...	...	20°182	-12°010	0°85	...	...	...	16°386	+30°144	-5	M	...
...	23°861	+31°994	-4	M	...	...	20°157	+37°518	-3	...	...	...	16°332	+20°578	-2	...	...
*	23°833	-19°776	1°50	51.9702	9·6	...	20°092	-14°679	-5	...	...	...	16°312	-52°035	-5	...	...
...	-23°808	+32°032	0°80	...	...	...	-20°077	+54°130	-5	M	...	...	-16°295	-26°525	-5	...	...
†	23°635	+9°854	-3	...	...	...	20°068	-5°849	-5	...	...	...	16°226	-42°901	1°00	...	...
...	23°628	+34°701	-5	M	...	...	20°009	-32°085	-4	...	...	...	16°173	+6°011	-5	M	...
...	23°576	+12°591	-3	...	...	...	20°001	-47°994	-5	...	...	...	16°173	-34°364	-5	...	...
...	23°570	+13°772	-5	M	...	...	19°994	-45°804	-5	...	...	...	15°999	-9°918	-2	...	...
76I	-23°545	+25°604	-5	M	...	82I	-19°991	-27°954	-4	...	...	88I	-15°968	-34°218	-5	...	...
*	23°508	-10°886	0°90	...	...	...	19°890	-51°860	-5	...	...	...	15°951	-36°842	0°85	...	...
...	23°433	+12°679	-4	M	...	...	19°877	-7°399	-3	...	...	*	15°909	-1°639	1°30	50.9524	9·6
*	23°428	+12°344	0°95	...	...	...	19°855	-55°700	-3	...	...	...	15°834	-33°642	-4	...	...
...	23°389	-48°471	-4	...	...	...	19°815	-30°724	-3	...	...	...	15°796	+32°584	0°80	...	...
...	-23°116	-29°954	-5	...	...	...	-19°721	+11°146	0°70	...	...	...	-15°783	-52°969	-5	...	...
...	23°101	-3°134	-4	...	...	...	19°699	+14°132	-5	M	...	...	15°743	-30°407	0°80	...	...
...	23°098	-24°613	0°80	...	...	...	19°533	+12°197	-5	M	...	...	15°730	-40°475	-2	...	...
...	22°995	+35°525	-5	M	...	...	19°484	+16°838	-5	M	...	...	15°713	+34°464	-3	M	...
...	22°987	-53°354	-4	...	...	...	19°465	-54°735	0°95	...	...	...	15°642	-19°566	-2	...	...
77I	-22°893	-5°660	0°65	...	...	83I	-19°369	-28°023	-5	...	...	89I	-15°353	-51°784	-3	...	...
a*	22°866	+0°024	1°20	50.9514	9·5	...	19°314	-43°353	-4	...	...	†	15°140	+20°939	1°00	50.9526	9·8
...	22°653	+31°243	-5	M	...	...	19°214	-29°809	-5	...	...	*	15°139	-21°045	-4	...	...
*	22°587	+0°705	0°90	50.9515	9·9	*	19°125	-28°223	1°00	51.9708	9·8	S *	15°105	-1°938	4°70	50.9525	7·6
*	22°584	-52°086	-5	...	...	...	19°124	+13°105	0°85	50.9518	10·0	...	14°976	+11°880	-4	M	...
...	-22°522	+57°788	1°10	49.9438	9·8	*	-19°123	-55°752	1°00	51.9707	10·0	...	-14°919	+5°892	-1	...	...
n	22°438	+53°039	0°85	50.9516	9·8	...	19°076	-6°113	-5	...	...	...	14°897	+58°791	-3	...	...
...	22°423	+13°258	-5	M	...	*	19°038	-27°799	1°00	51.9709	10·0	...	14°793	+3°046	0°85	...	...
...	22°419	+3°252	0°85	...	...	...	18°976	+12°327	-5	M	...	*	14°780	-36°203	0°95	51.9711	10·0
n	22°383	+53°087	0°90	50.9516	9·8	...	18°962	+52°771	0°85	...	...	...	14°670	-49°600	0°90	...	...
78I	-22°371	-57°296	-2	...	...	84I	-18°875	-5°843	-5	...	...	90I	-14°559	-2°927	1°00	50.9527	9·8
...	22°346	-33°561	-3	...	...	*	18°852	+53°167	1°60	50.9520	9·0	...	14°471	+46°529	-5	M	...
*	22°295	-23°517	1°50	51.9704	9·5	...	18°822	-2°412	-4	...	...	...	14°360	-52°784	-5	p	...
...	22°227	-12°546	-3	...	...	...	18°818	-9°122	-5	...	...	...	14°230	+0°695	-3	M	...
...	22°181	-13°563	-4	...	...	...	18°791	-25°868	-5	...	...	...	14°160	-52°361	-5	...	...
...	-22°137	+13°740	-2	...	...	S *	-18°735	+50°643	1°70	50.9521	8·8	...	-14°111	+0°319	-4	M	...
...	22°114	-52°116	-5	...	...	...	18°722	+13°463	1°00	50.9519	9·9	...	14°076	-3°490	-5	...	...
...	22°014	+9°692	0°85	...	...	...	18°661	+57°121	-5	M	...	...	13°982	-51°250	0°90	...	...
...	21°841	-43°316	-3	...	...	...	18°575	-38°707	-5	...	...	...	13°953	-3°289	-2	...	...
...	21°756	-39°673	-3	...	...	...	18°443	-31°855	0°90	...	...	...	13°947	-38°404	-4	...	...
79I	-21°736	-18°149	-3	...	...	85I	-18°374	+27°838	1°10	50.9522	9·5	91I	-13°910	+15°808	-4	M	...
...	21°726	+0°574	-4	M	...	*	18°364	-21°141	-5	...	...	...	13°905	-45°827	1°00	51.9712	9·8
...	21°708	-14°383	-5	p	...	...	18°191	-42°189	-5	...	...	...	13°804	-41°615	-5	...	...
...	21°701	+11°827	-4	M	...	...	18°058	-35°877	-3	...	...	†	13°563	+14°923	0°75	...	...
...	21°687	-58°441	-1	...	...	...	17°938	-26°596	-3	...	...	...	13°422	-43°766	0°65	...	...
...	-21°648	+41°343	-3	A	...	...	-17°786	+7°888	-5	M	...	*	-13°392	-7°293	1°40	51.9715	9·5
...	21°614	+0°905	-4	M	...	...	17°603	+14°447	-5	M	...	*	13°277	-51°389	2°50	51.9714	8·4
...	21°570	-30°568	-4	...	...	...	17°521	-40°036	-5	...	...	...	13°031	-38°615	0°75	...	...
*	21°458	+5°833	1°50	50.9517	9·4	N	17°372	-44°334	1°00	51.9710	10·0	...	12°993	-43°488	-5	...	...
...	21°106	+45°768	-1	...	...	...	17°322	-50°030	-4	...	...	...	12°989	-3°433	-4	...	...
80I	-21°003	-35°153	1°00	51.9705	9·6	86I	-17°233	-18°855	-5	...	...	92I	-12°953	+0°056	-3	M	...
*	20°976	-35°190	0°65	...	...	...	17°208	-30°788	-5	...	...	...	12°937	+25°190	0°65	...	...
...	20°866	+20°044	-2	...	...	...	17°136	-38°013	-5	...	...	...	12°615	+2°091	0°90	50.9528	9·9
...	20°840	+5°543	-2	...	...	...	17°061	+54°240	-1	...	...	...	12°614	-16°803	-2	...	...
...	20°691	-20°555	0°85	...	...	...	16°985	+51°245	-5	M	...	...	12°518	-30°204	-2	...	...
*	-20°597	-53°162	1°00	51.9706	9·8	*	-16°866	+43°999	1°00	50.9523	9·8	...	-12°443	-4°335	-1	...	...
...	20°590	+44°057	-2	...	...	...	16°805	-49°966	-5	...	...	...	12°417	-40°628	-5	...	...
†	20°404	-3°875	-3	...	...	...	16°791	+52°284	-5	M	...	...	12°380	+20°658	0°90	...	...
†	20°374	+23°874	0°75	...	...	...	16°723	-53°651	-5	...	...	...	12°336	-7°679	-4	...	...
†	20°325	-15°268	-5	...	...	...	16°677	+8°456	-5	M	...	...	12°335	-29°115	0°90	51.9716	10·0

777, 780. C.P.D., mass.

859. Mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
931-990						991-1050						1051-1110					
93I	-12'308	+30'869	-4	M	...	99I	-7'903	-36'805	0.80	...	...	105I	-4'223	-25'323	-1	...	...
...	12'244	-20'789	-4	...	...	*	7'818	-38'444	1.00	51.9731	9.8	...	4'191	-24'261	0.80	...	...
...	12'178	-39'882	0.75	...	...	...	7'815	-30'815	-4	...	...	...	4'126	+30'468	-2	...	...
*	12'108	-37'744	1.20	51.9717	9.6	...	7'708	-32'359	-4	...	...	...	3'991	-28'658	0.85	...	...
...	12'060	+6'274	-5	M	...	...	7'638	-35'452	-5	...	...	...	3'871	-9'270	-5	...	...
...	-11'982	-39'026	-5	...	...	...	-7'628	-56'142	1.00	51.9732	10.0	...	-3'861	+23'062	-3	M	...
...	11'939	-23'758	-4	...	...	...	7'468	-6'219	-2	...	...	...	3'847	-20'203	0.90	50.9533	10.0
...	11'851	-4'475	-3	...	...	...	7'382	+1'603	-4	M	...	*	3'840	-14'076	1.20	51.9739	9.6
*	11'625	-10'620	0.90	51.9718	10.0	...	7'308	-9'934	-4	...	...	...	3'835	+3'569	-5	M	...
...	11'507	-28'448	-3	...	...	*	7'274	+43'205	1.05	50.9531	9.8	...	3'802	-50'288	-5	p	...
94I	-11'420	-30'967	0.95	51.9719	10.0	100I	-7'260	-13'059	-5	...	...	106I	-3'784	-16'621	0.75	...	...
*	11'341	-22'137	-5	...	...	*	7'252	-5'804	1.00	51.9733	9.8	...	3'658	-13'957	-3	...	...
...	11'281	+7'989	-4	M	...	...	7'236	-8'390	-5	...	...	*	3'603	+32'423	1.10	50.9534	9.6
...	11'221	+43'129	-4	M	...	...	7'148	-20'908	0.95	...	...	...	3'600	-45'312	-4	...	...
...	11'196	-48'316	-5	...	...	...	7'112	-41'933	-5	p	...	...	3'512	-58'905	-3	...	...
...	-11'172	-9'413	-1	...	...	...	-7'049	-43'487	-5	...	...	...	-3'507	-40'184	-2	...	...
...	11'153	-17'774	-3	...	...	...	7'021	+40'882	0.80	...	...	...	3'417	-58'115	-3	...	...
...	11'079	-28'175	0.85	...	...	...	6'992	-30'000	-4	...	...	...	3'381	+38'614	-4	M	...
...	11'053	+51'224	-4	M	...	...	6'866	-55'146	-5	p	...	...	3'346	-0'614	-4	...	...
...	11'043	+8'143	-3	...	...	...	6'810	-22'009	-5	...	...	...	3'320	+3'175	-4	Mm	...
95I	-10'991	-49'157	0.80	...	...	101I	-6'797	-10'258	0.95	51.9734	10.0	107I	-3'276	-46'766	0.95	51.9740	10.0
*	10'931	-45'620	1.10	51.9721	9.6	...	6'794	-43'089	-2	...	...	*	3'223	-10'870	1.20	51.9741	10.0
...	10'897	-32'272	-5	...	...	...	6'779	-31'047	0.80	...	...	...	3'146	+38'892	-3	M	...
...	10'649	-1'107	-5	...	...	...	6'742	-1'219	-5	...	...	...	3'134	-27'071	-2	...	...
...	10'563	-44'562	-2	...	...	...	6'711	-15'793	-5	...	...	...	2'947	-57'613	-3	...	...
*	-10'500	-24'661	0.95	51.9723	10.0	...	-6'686	-32'646	-5	...	...	...	-2'932	-12'768	0.90	51.9742	10.0
+	10'400	-46'092	1.70	51.9722	9.0	...	6'649	+45'579	-5	M	...	...	2'908	-7'203	-5	p	...
*	9'952	-2'721	1.00	50.9529	9.8	...	6'634	-42'066	-5	p	...	...	2'897	+29'713	-5	Mm	...
...	9'893	-15'193	-2	...	...	...	6'543	+45'326	-3	...	...	*	2'877	-18'118	1.00	51.9743	10.0
...	9'823	-9'618	0.90	...	...	...	6'499	-52'773	-4	...	...	...	2'876	-21'556	-5	p	...
96I	-9'740	+3'244	-5	M	...	102I	-6'389	-32'671	0.75	...	...	108I	-2'849	-35'814	-4	...	...
*	9'705	-6'193	1.00	51.9724	9.8	...	6'339	+50'911	-5	M	...	...	2'825	+37'408	-1	...	...
...	9'656	+47'594	-5	M	...	...	6'335	-46'029	-5	p	...	*	2'800	+5'726	0.90	50.9535	10.0
...	9'537	-17'748	-5	...	...	...	6'307	-18'390	-4	...	...	*	2'748	+34'138	1.00	50.9536	10.0
...	9'535	-5'974	-4	...	...	...	6'083	-34'318	0.75	...	...	...	2'722	-34'518	0.80	...	...
...	-9'492	+20'782	-3	...	...	...	-6'012	-16'093	0.95	...	...	...	-2'712	-36'398	-4	...	...
...	9'469	-46'750	0.75	...	...	...	6'009	-26'174	-5	...	...	*	2'689	-59'702	2.10	51.9744	8.5
...	9'284	-41'351	-5	...	...	...	5'922	-41'308	-5	...	...	...	2'687	+18'779	-4	Mm	...
...	9'244	+1'130	-1	A	...	...	5'910	+1'909	-3	M	...	...	2'649	+45'574	-5	Mm	...
...	9'228	-53'285	-5	...	...	...	5'903	-21'017	-5	...	...	*	2'629	-14'673	1.40	51.9745	9.6
97I	-9'102	-56'693	1.00	51.9726	10.0	103I	-5'877	-20'358	-2	...	...	109I	-2'559	-26'386	-3	...	...
...	9'094	-28'348	-5	...	...	...	5'720	-35'412	-5	p	...	*	2'473	+47'363	1.00	50.9538	9.9
...	9'002	+50'055	0.90	...	...	...	5'648	-26'069	0.80	...	...	...	2'472	+2'714	0.90	50.9537	10.0
...	8'810	-3'067	-5	...	...	...	5'596	-12'790	-5	...	...	...	2'449	-58'628	-2	...	...
...	8'677	-14'223	-5	...	...	*	5'524	-37'643	0.90	51.9735	10.0	...	2'430	-35'241	-2	...	...
*	-8'595	-35'504	1.00	51.9728	9.8	†	-5'488	-11'197	-5	...	...	...	-2'410	-38'571	-4	...	...
...	8'557	-48'827	-2	...	...	†	5'470	+7'967	0.95	50.9532	10.0	*	2'259	+48'448	1.00	50.9539	9.8
...	8'519	-19'936	-5	...	...	†	5'397	+1'677	-1	...	...	*	2'240	+38'780	0.95	50.9540	9.9
...	8'476	-52'065	1.00	...	...	*	5'343	-8'965	1.00	51.9737	9.8	...	2'176	+26'342	-4	Mm	...
...	8'460	+6'470	-5	M	...	...	5'263	-24'909	-4	...	...	*	2'154	-50'768	1.00	51.9746	10.0
98I	-8'432	-0'978	1.00	50.9530	9.8	104I	-5'221	-35'812	-5	p	...	110I	-2'054	-7'882	-3	...	...
*	8'336	-18'528	-5	...	...	...	5'123	+54'598	-5	M	...	*	1'954	+21'893	1.60	50.9541	9.0
S *	8'256	-45'116	2.35	51.9729	8.4	...	5'117	-35'080	-4	...	...	...	1'887	-15'634	-4	...	...
...	8'252	-51'512	-5	...	...	...	5'104	-35'827	0.80	51.9736	10.0	...	1'864	+36'937	-5	Mm	...
...	8'224	+29'152	-3	...	...	...	5'094	-22'566	-5	M	...	...	1'854	+38'922	0.85	...	...
...	-8'106	-25'927	0.70	...	...	...	-5'094	-53'186	-5	...	...	...	-1'795	-26'497	-5	p	...
...	8'091	+24'508	0.85	...	...	...	5'007	-51'414	0.85	...	...	...	1'772	+6'213	-2	...	...
...	8'027	-26'499	-4	...	...	...	4'940	+58'058	-5	M	...	...	1'747	+2'989	-3	Mm	...
*	8'012	-59'136	1.00	51.9730	9.8	...	4'542	-24'460	-5	...	...	...	1'451	-23'761	-3	...	...
...	7'907	-8'284	-5	...	...	*	4'255	-32'300	1.60	51.9738	9.4	...	1'435	+22'690	-3	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1111-1170						1171-1230						1231-1290					
IIII	-1.405	+25.010	1.60	50.9542	9.0	II7I	+2.149	-55.450	0.95	...	...	I23I	+5.176	-26.183	0.85	...	...
S *	1.388	-51.634	-2	...	...	...	2.213	-40.094	0.70	...	...	...	5.206	-2.249	0.95	50.9545	10.0
...	1.292	-33.949	-4	...	...	*	2.217	-23.656	1.00	51.9753	9.8	...	5.223	-23.263	-3	...	...
...	1.251	-57.692	-3	...	...	...	2.425	-8.498	-5	...	...	...	5.376	-22.326	-4	...	...
...	1.170	-49.579	0.80	...	...	*	2.441	-51.213	1.00	51.9754	10.0	...	5.425	-13.527	-5	...	...
...	-1.147	-34.228	0.90	...	...	...	+2.488	-42.822	-4	...	...	...	+5.720	-10.207	-5	p	...
...	1.034	-44.651	-5	p	...	...	2.500	+40.288	0.75	...	...	...	5.721	-30.411	0.90	51.9766	10.0
...	1.014	-39.880	-2	...	...	*	2.587	+58.085	1.10	49.9468	9.6	...	5.870	+25.512	0.70	...	...
...	0.946	-9.449	0.90	...	...	...	2.795	-46.818	-5	...	...	†	5.903	-44.899	-3	...	...
...	0.876	+28.794	-5	Mm	...	*	2.797	-57.752	1.10	51.9755	9.6	...	6.035	-28.851	-3	...	...
II2I	-0.841	-47.621	-5	...	...	II8I	+2.880	-20.019	2.20	51.9756	8.8	I24I	+6.106	-43.616	-5	...	...
...	0.651	+23.011	0.90	...	...	†	2.931	-17.042	-4	...	...	*	6.115	+49.020	1.80	50.9546	8.8
...	0.651	-17.267	-4	...	...	*	2.933	+16.250	1.00	50.9543	9.8	...	6.157	-41.832	0.80	...	...
...	0.623	+5.133	-3	Mm	...	...	2.951	-10.222	-2	...	...	...	6.212	-52.929	0.90	...	...
...	0.613	+32.218	-5	Mm	...	*	2.969	-25.682	1.00	51.9757	10.0	...	6.252	-54.376	-3	...	...
...	-0.530	-8.197	-3	...	...	...	+3.071	-40.839	-4	...	...	...	+6.270	-38.222	0.70	...	...
†	0.450	-42.723	-4	...	...	*	3.136	-48.196	1.00	...	...	...	6.275	-22.252	-5	...	...
†	0.387	-9.392	-5	...	...	...	3.245	-2.301	-5	...	...	...	6.281	-3.775	0.80	51.9767	10.0
...	0.156	-50.724	-2	...	...	...	3.349	-4.768	-5	...	...	...	6.423	+0.946	-5	m	...
...	0.153	+39.258	-5	Mm	...	...	3.379	-9.560	-2	...	...	...	6.583	+13.567	-3	m	...
II3I	-0.017	-22.149	-5	...	...	II9I	+3.382	-15.173	1.00	51.9758	10.0	I25I	+6.717	-14.854	-2	...	...
...	+0.142	+50.517	-2	m	...	...	3.389	-34.156	-5	...	...	*	6.765	+12.340	1.10	50.9547	9.6
...	0.277	-37.159	-5	...	...	...	3.400	+18.069	-5	m	...	...	6.773	-55.647	0.80	...	...
...	0.300	-19.722	-5	...	...	...	3.447	-14.634	0.95	51.9759	10.0	...	6.817	-21.367	-5	...	...
...	0.560	+25.843	-3	Mm	...	...	3.457	-47.936	-2	...	...	...	6.821	-11.446	-5	...	...
...	+0.634	-53.564	-5	p	...	...	+3.550	-8.697	1.00	...	...	...	+6.888	+39.674	-3	m	...
...	0.635	+44.689	0.90	...	...	*	3.585	-8.153	1.25	51.9760	9.4	*	6.909	-38.431	1.70	51.9768	9.0
...	0.664	-41.510	-3	...	...	...	3.591	-31.635	-5	p	...	...	6.918	-23.489	-2	...	...
...	0.665	-24.270	-3	...	...	...	3.737	-22.002	-5	...	...	...	7.179	-35.423	-5	...	...
...	0.667	-43.174	-2	...	...	...	3.755	-31.772	-5	...	...	...	7.193	+43.606	-4	m	...
II4I	+0.746	+10.511	-3	...	...	I20I	+3.775	+33.307	0.95	50.9544	10.0	I26I	+7.204	-5.946	0.80	...	...
...	0.747	-29.487	-5	p	...	*	3.782	-27.733	-3	...	...	...	7.273	+4.381	-5	m	...
...	0.852	-44.593	0.85	...	...	...	3.897	+24.702	-5	m	...	...	7.349	+0.560	-2	b	...
...	0.854	+57.386	0.95	...	...	...	3.914	-46.288	-2	...	...	...	7.359	-34.852	-5	...	...
...	0.864	-18.786	-5	...	...	*	3.915	-46.167	1.00	51.9761	9.8	†	7.367	-9.987	1.30	51.9769	9.6
...	+0.875	-49.723	0.70	...	...	...	+3.985	+21.874	0.80	...	...	...	+7.419	+23.577	-3	...	...
...	0.907	+31.158	-5	Mm	...	*	4.200	-12.347	1.00	51.9762	9.8	...	7.488	+44.625	-1	...	...
...	0.963	-7.537	-5	...	...	*	4.274	-15.571	1.50	51.9763	9.0	...	7.494	-39.329	-4	...	...
...	0.972	-41.065	0.80	...	...	...	4.316	-34.609	-5	...	...	...	7.520	-27.459	0.90	51.9770	9.8
...	0.973	+12.381	-4	Mm	...	...	4.388	-34.239	-5	p	...	...	7.588	-35.782	0.80	...	...
II5I	+0.993	-34.558	0.80	...	...	I21I	+4.462	-41.158	2.00	51.9764	8.8	I27I	+7.595	-27.224	-3	...	...
...	1.075	-40.921	-2	...	...	*	4.520	-36.083	-4	...	...	...	7.603	-28.423	0.90	...	...
...	1.157	+19.963	0.70	...	...	†	4.521	-49.019	-4	...	...	...	7.666	-8.480	0.90	51.9771	10.0
...	1.387	+12.482	-4	Mm	...	†	4.542	-25.358	-2	...	...	...	7.732	+16.841	-2	...	...
*	1.432	-56.897	1.05	51.9748	9.8	...	4.592	+47.337	-4	m	...	...	7.800	-31.900	-5	...	...
...	+1.436	-56.588	1.00	51.9749	10.0	†	+4.594	-48.610	0.95	...	...	...	+7.851	-20.609	-5	...	...
...	1.501	-52.330	0.90	...	...	...	4.653	-6.563	-4	...	...	...	7.891	-39.726	-5	...	...
...	1.543	-48.449	-5	...	...	...	4.653	-35.613	-4	...	...	*	7.917	-35.346	1.10	51.9772	9.6
...	1.600	-20.429	1.00	51.9750	9.8	...	4.662	-16.351	-1	...	...	...	7.945	+55.893	-3	m	...
...	1.648	-42.550	-5	p	...	...	4.681	-8.564	-5	...	...	...	8.026	-50.039	0.75	...	...
II6I	+1.655	-36.272	-4	...	...	I22I	+4.687	-15.184	-3	...	...	I28I	+8.067	+32.914	-2	...	...
...	1.709	-49.495	0.80	...	...	...	4.733	+50.777	0.80	...	...	*	8.083	-48.489	0.95	51.9773	10.0
...	1.872	-50.451	-5	...	...	...	4.734	+13.330	-3	b	...	...	8.110	+9.652	-1	...	...
*	1.881	-27.328	1.00	51.9751	10.0	...	4.749	-32.931	0.80	...	...	...	8.163	+53.944	0.75	...	...
...	1.904	+15.648	0.85	...	...	...	4.827	-2.355	-3	...	...	...	8.218	+39.969	0.90	50.9548	10.0
...	+1.920	-47.198	-2	...	...	...	+4.837	-38.718	0.70	...	...	...	+8.250	-16.880	-5	...	...
...	1.923	-8.930	-3	...	...	...	4.849	-43.512	-5	...	...	...	8.277	-24.793	-5	...	...
...	1.937	+30.063	-2	m	...	...	4.982	+15.935	-5	m	...	...	8.286	-6.793	-5	p	...
...	1.944	-45.249	-5	...	...	...	4.996	-36.225	-3	...	...	...	8.287	-9.269	-3	...	...
*	1.979	-11.656	1.30	51.9752	9.4	...	5.026	-22.527	-3	...	...	...	8.314	-29.584	-1	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.			
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.		
1291-1350						1351-1410						1411-1470							
I29I	+	8.319	-20.823	-4	...	I35I	+	12.074	+39.683	-5	m	I41I	+	16.237	-54.807	1.00	51.9794	10.0	
*		8.384	+20.747	1.10	50.9549	...		12.134	+6.344	-2	b	...		16.341	-53.301	-4	...	...	
*		8.427	-7.882	1.50	51.9774	...		12.288	+30.377	-2	b	...		16.421	-8.005	-2	...	...	
...		8.487	-58.392	-5	p	...		12.377	-23.820	0.90	...	...		16.472	-21.521	-5	p	...	
†		8.561	-59.921	0.95	...	*		12.474	-36.776	1.00	51.9782	10.0	...	16.475	-6.366	0.90	...	...	
...	+	8.601	-50.887	0.80	...	...	+	12.507	-22.544	0.70	...	...	+	16.509	-32.670	-5	...	...	
...		8.621	-4.564	-4	...	...		12.587	-39.256	0.75	...	...		16.541	+19.931	-3	...	...	
...		8.634	-20.701	-3	...	...		12.603	-52.743	-5	...	...		16.577	+32.222	-3	m	...	
...		8.739	-53.835	-4	...	...		12.619	+24.544	-2	b	...		16.733	-7.268	-4	...	...	
...		8.947	+23.581	-4	m	...		12.649	-34.427	0.90	...	...		16.770	-21.337	-1	...	...	
I30I	+	9.015	-36.696	1.40	51.9776	I36I	+	12.747	+49.927	-5	m	I42I	+	16.785	-16.557	1.00	51.9795	10.0	
*		9.040	-6.276	-4	...	...		12.796	-30.875	-4	...	...		16.835	-59.748	-3	...	...	
...		9.050	-42.786	-3	...	...		12.863	-26.879	-5	...	...		17.000	+6.373	-2	...	...	
...		9.057	-17.427	-4	...	†		13.015	+24.832	-2	b	...		17.024	-38.670	-5	...	...	
*		9.142	-24.013	1.50	51.9777	...		13.052	+17.608	0.75	...	...		17.060	-31.396	0.75	...	...	
*	+	9.149	-1.974	0.95	50.9550	...	+	13.063	-39.355	-2	...	...	+	17.066	-1.703	-5	...	...	
*		9.173	-19.259	1.70	51.9778	...		13.168	-20.273	1.00	51.9783	10.0		17.289	+9.063	-2	...	...	
...		9.256	+29.656	-5	m	...		13.179	-2.253	-3	...	...		17.392	+40.797	-5	m	...	
...		9.290	+25.535	-4	m	...		13.244	-42.187	0.90	...	...		17.441	-41.031	-1	...	...	
...		9.364	-33.736	-2	...	*		13.292	-51.818	1.40	51.9784	9.0	a *	17.513	+0.259	1.40	50.9561	9.5	
I31I	+	9.389	-39.186	-4	...	I37I	+	13.305	-53.226	-4	...	I43I	+	17.551	-58.137	-4	...	...	
...		9.450	+31.027	1.00	50.9551	†		13.311	+24.918	0.85	...	*		17.755	+55.507	1.10	50.9562	9.8	
*		9.480	-34.531	1.00	51.9779	...		13.333	-9.491	0.70	...	...		17.951	+7.849	-5	m	...	
†		9.603	+2.480	1.00	50.9552	*		13.419	-53.981	1.05	51.9785	9.6	...	18.046	-2.669	-5	...	...	
...		9.622	+9.807	-5	m	...		13.450	+24.522	0.75	...	*		18.202	+51.791	1.10	50.9563	9.9	
†	+	9.633	-30.197	1.00	51.9780	*	+	13.583	-25.699	1.00	51.9786	10.0	...	18.207	-32.563	-5	...	...	
...		9.683	-15.541	-5	...	...		13.601	-35.572	0.95	51.9787	10.0	*	18.247	-28.455	1.30	51.9797	9.5	
...		9.710	+36.541	-2	...	...		13.611	-29.658	0.70	...	...		18.293	-18.731	-4	...	...	
...		9.716	+40.807	-2	b	†		13.723	-25.010	0.70	...	...	*	18.326	-16.715	1.30	51.9798	9.8	
...		9.734	-23.376	-5	...	...		13.761	-33.128	-4	...	...		18.361	-29.380	-4	...	...	
I32I	+	9.757	-48.868	-2	...	I38I	+	13.868	+17.909	0.95	50.9557	9.9	I44I	+	18.383	-19.889	2.30	51.9799	8.6
...		9.758	+28.200	-5	m	*		13.877	-12.742	1.20	51.9788	9.4	S *	18.457	-47.653	3.10	51.9801	8.5	
...		9.902	-8.683	0.70	...	...		13.936	-18.844	-5	...	...		18.553	-22.638	-5	p	...	
...		9.907	-1.052	-5	...	...		14.228	-35.306	-4	...	...	*	18.562	-47.998	2.00	51.9802	9.0	
...		10.011	+26.787	-4	m	...		14.251	-13.797	-5	...	...	*	18.761	-53.821	0.80	...	...	
...	+	10.041	-56.215	-5	...	...	+	14.308	+20.195	0.70	...	...	*	18.945	-55.344	2.20	51.9804	8.6	
*		10.053	-37.804	1.00	51.9781	...	†	14.556	+9.988	-5	m	...	...	18.960	-6.351	-4	...	...	
...		10.115	-42.403	0.90	...	...	*	14.745	-14.313	1.10	51.9789	9.6	...	19.267	-48.266	-4	...	...	
...		10.195	-15.388	0.80	...	...	*	14.776	+6.086	0.95	50.9558	10.0	...	19.342	-30.096	-1	...	...	
...		10.207	+23.932	1.00	50.9553	†		14.794	+49.772	-3	m	...	†	19.494	-57.390	-3	...	...	
I33I	+	10.252	-45.522	1.00	...	I39I	+	15.023	+45.839	1.60	50.9559	9.0	I45I	+	19.523	-50.579	-4	...	...
...		10.329	-13.788	-5	...	...		15.031	-8.523	-4	...	...	†	19.528	+35.929	-5	m	...	
...		10.371	-45.058	0.75	...	...		15.287	-48.603	-4	...	...	*	19.664	-56.509	1.00	51.9805	9.8	
*		10.411	+13.049	1.05	50.9554	...		15.299	-54.595	-1	...	...	...	19.693	-11.665	-5	...	...	
...		10.434	-2.175	1.00	50.9555	...		15.372	+53.482	-5	m	...	...	19.807	-15.349	-5	...	...	
...	+	10.504	+33.223	-4	m	...	+	15.396	+56.504	-4	m	...	...	19.878	-18.194	-4	...	...	
...		10.523	-17.385	-5	...	...		15.435	-41.828	-4	...	...	...	19.920	-52.055	1.00	51.9806	10.0	
...		10.546	+1.473	-5	m	...		15.574	-30.397	-3	...	...	...	20.110	-32.503	-4	...	...	
...		10.725	-53.387	-5	...	*		15.595	-42.827	2.10	51.9791	8.6	...	20.135	-12.532	-5	...	...	
...		10.821	+21.155	-4	m	*		15.676	-37.556	2.90	51.9792	8.4	...	20.178	+35.641	0.80	...	...	
I34I	+	10.923	-47.654	-5	...	I40I	+	15.715	+56.557	-4	m	I46I	+	20.186	+48.476	-5	m	...	
...		10.996	+14.456	-3	m	...		15.834	-46.834	-1	...	...		20.262	+18.170	0.70	...	...	
...		11.367	-16.534	-2	...	...		15.849	-2.791	-4	...	...	...	20.268	+51.080	-5	m	...	
...		11.380	+39.222	-5	m	...		15.936	-22.212	-5	...	S *		20.333	+59.190	3.10	49.9496	8.0	
*		11.383	-57.536	-5	...	...		15.940	-42.105	-5	...	...	...	20.414	-6.824	-4	...	...	
*	+	11.446	-39.394	0.95	...	...	+	16.023	-32.984	-2	...	...	+	20.475	-8.650	0.90	...	...	
...		11.474	+10.591	-4	...	...		16.077	+44.075	0.90	50.9560	10.0	...	20.645	+41.450	-4	m	...	
...		11.673	-31.258	0.90	...	...		16.104	-5.889	-4	...	...	...	20.674	-27.578	-5	...	...	
...		12.011	+9.218	-3	m	*		16.106	-53.027	1.00	51.9793	10.0	*	20.724	-54.158	1.05	51.9807	9.6	
*		12.022	+22.375	1.90	50.9556	...		16.151	-23.741	-1	...	...	...	20.758	-14.581	0.85	...	...	

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1471-1530						1531-1590						1591-1650					
I47I	+20°822	-37°316	-4	...	...	I53I	+25°067	-3°469	-5	...	...	I59I	+28°665	+15°208	1°05	50.9567	9.6
*	20°951	+4°078	1°00	50.9564	9.9	†	25°079	-54°926	0°90	51.9811	10°0	*	28°695	-43°327	1°00	51.9817	9.8
...	20°987	-12°628	-5	...	...	...	25°238	-3°423	-5	...	...	...	28°815	-44°009	-5	...	...
...	20°998	+14°114	-3	m	...	...	25°293	-26°412	-2	...	...	...	28°836	+35°169	-5	m	...
*	21°021	-14°511	1°50	51.9808	9.3	...	25°445	-47°709	-5	...	...	...	28°891	-36°026	-4	...	...
...	+21°054	+2°570	-5	m	...	...	+25°536	-1°327	-5	...	...	...	+29°034	-40°220	-5	p	...
...	21°239	-43°825	-5	...	...	...	25°738	+48°642	-3	m	...	...	29°113	-25°847	-5	p	...
...	21°287	-44°710	-4	...	...	...	25°738	-30°073	-5	...	...	...	29°145	-23°954	-5	...	...
...	21°309	-32°319	0°75	...	...	...	25°829	-32°456	0°65	...	...	...	29°297	-25°511	-4	...	...
...	21°392	+7°038	-3	m	...	...	25°937	+33°391	-3	m	...	...	29°327	-38°172	0°80	...	...
I48I	+21°566	+33°197	-5	m	...	I54I	+25°939	-40°612	-5	p	...	I60I	+29°426	-48°912	-4	...	...
...	21°577	+26°402	-4	m	...	...	26°009	+6°995	-2	...	...	...	29°637	-40°647	-5	p	...
†	21°588	-25°001	-4	...	...	...	26°028	-57°763	-4	...	...	*	29°642	+26°706	1°20	50.9568	9.3
...	21°593	-58°370	-5	...	...	...	26°118	+21°223	-2	...	...	*	29°818	-43°013	1°00	51.9818	10°0
...	21°626	+38°845	0°80	...	...	...	26°181	-37°625	-1	...	...	...	29°896	+52°911	1°00	50.9569	10°0
...	+21°690	+36°618	-2	b	...	...	+26°184	-59°269	-5	...	...	...	+30°060	-6°339	-3	...	...
...	21°692	-28°261	-5	p	...	...	26°264	-12°768	-4	...	...	...	30°097	+23°220	-5	m	...
...	21°761	-36°210	-2	...	...	...	26°346	-25°748	-2	...	...	...	30°134	+8°458	-5	m	...
...	21°794	-27°072	-5	p	...	*	26°380	-37°737	1°00	51.9812	9.8	...	30°207	+19°302	-5	m	...
...	21°796	-58°784	1°00	...	...	...	26°383	+30°063	-3	m	...	...	30°224	+15°692	-4	m	...
I49I	+21°835	-40°460	-3	...	...	I55I	+26°384	-9°466	-5	p	...	I61I	+30°235	-53°093	0°70	...	...
...	21°932	-8°024	-5	...	...	...	26°392	+20°237	0°80	50.9566	10°0	...	30°269	+9°708	0°75	...	...
...	21°947	+14°537	-5	m	...	...	26°443	+10°427	-3	...	...	...	30°279	-35°203	-4	...	...
...	21°983	-55°323	-5	...	...	...	26°496	-55°736	-3	...	...	...	30°328	+53°768	-3	...	...
...	21°986	-53°502	-5	...	...	...	26°506	-34°876	-4	...	...	...	30°461	-55°578	-2	...	...
...	+22°004	+29°473	-5	m	...	...	+26°564	-27°668	-4	p	...	...	+30°481	+57°663	-5	m	...
...	22°004	+5°589	-4	m	...	...	26°599	-41°010	0°70	...	...	*	30°490	-35°750	1°30	51.9819	9°0
...	22°045	-30°256	0°70	...	...	...	26°600	-27°542	-2	...	...	...	30°503	-58°494	-1	...	...
...	22°092	+7°384	-5	m	...	...	26°739	-23°294	-3	...	...	...	30°537	-46°076	-4	...	...
...	22°116	-14°440	-2	...	...	...	26°797	+26°856	-4	m	...	...	30°548	+4°988	0°75	...	...
I50I	+22°173	+20°040	-3	m	...	I56I	+26°798	-47°962	-5	...	...	I62I	+30°561	-46°769	-5	...	...
...	22°275	+20°985	-5	m	...	N † [	26°804	-5°130	0°95	51.9813	9.8	...	30°616	+4°603	0°85	...	...
...	22°448	-4°079	-5	...	...	...	26°923	+18°555	0°70	...	...	...	30°646	-47°975	-5	p	...
...	22°597	-51°244	-3	...	...	...	26°931	+4°068	-4	m	...	...	30°654	-17°099	-5	p	...
...	22°652	-57°472	-5	...	...	*	26°938	-57°869	1°05	51.9814	9.8	...	30°684	-51°607	-4	...	...
...	+22°687	-25°568	-3	...	...	...	+27°093	-52°407	-4	...	...	...	+30°709	-24°825	-5	p	...
...	22°701	-29°734	0°85	...	...	...	27°180	+3°262	-2	b	...	...	30°759	-23°213	-5	...	...
†	22°709	-44°934	-4	...	...	...	27°254	+49°277	-3	m	...	...	30°876	+32°464	-3	m	...
...	23°087	-27°367	-4	...	...	...	27°291	-11°441	-3	...	...	...	31°014	-44°040	0°80	...	...
...	23°093	-4°049	0°85	...	...	...	27°328	-37°194	-4	...	...	...	31°015	-11°889	-2	...	...
I51I	+23°093	-31°829	0°85	...	...	I57I	+27°372	-35°808	-4	...	...	I63I	+31°015	-17°204	-5	p	...
...	23°669	+34°219	0°70	...	...	...	27°403	+43°250	-4	m	...	...	31°018	-41°595	-4	...	...
...	23°863	+16°244	-5	m	...	...	27°408	-17°560	-5	p	...	...	31°153	-5°207	-5	...	...
...	23°889	-34°054	-5	...	...	...	27°447	+53°862	-3	b	...	...	31°167	-16°993	-5	p	...
†	23°938	-39°961	-5	...	...	...	27°460	-17°680	-4	...	...	...	31°288	-36°429	-5	...	...
*	+23°955	-58°994	-5	...	...	...	+27°465	-49°619	-5	...	...	...	+31°323	-41°651	0°70	...	...
...	24°054	+29°448	1°00	50.9565	9.6	...	27°593	+38°130	-3	m	...	*	31°389	-33°734	0°95	51.9820	9.8
...	24°196	-32°178	-5	...	...	...	27°691	+18°361	-5	m	...	...	31°407	-44°736	-4	...	...
...	24°312	+38°186	-5	m	...	...	27°783	-48°758	-4	...	...	*	31°493	-21°286	1°40	50.9571	9°0
...	24°350	+10°362	-5	m	...	...	27°804	-38°612	-4	...	...	*	31°538	-45°339	1°00	...	...
I52I	+24°425	-53°171	-5	...	...	I58I	+28°216	-17°191	5°00	51.9815	7.6	I64I	+31°558	-41°708	1°00	51.9821	9.8
†	24°492	+6°176	-4	...	...	...	28°228	-55°813	-4	...	...	...	31°590	-40°177	-4	...	...
†	24°494	-45°056	1°00	...	...	...	28°237	+1°227	-4	m	...	...	31°601	+41°416	1°00	...	...
†	24°624	-36°177	1°60	51.9809	9.1	...	28°337	-24°598	0°85	...	...	...	31°623	+39°865	0°95	50.9570	10°0
†	24°699	-0°046	-4	...	...	...	28°372	-34°512	-2	...	...	...	31°875	+49°027	-2	...	...
...	+24°708	-33°210	-3	...	...	*	+28°397	-34°140	1°00	51.9816	9.8	†	+31°886	-20°054	-3	...	...
...	24°717	-39°813	-5	p	...	...	28°397	-59°590	-4	...	...	...	31°946	+8°717	-2	...	...
...	24°743	+45°409	-4	m	...	...	28°423	-44°070	-4	...	...	...	31°946	-46°612	0°90	...	...
...	24°885	-44°306	-3	...	...	...	28°459	-19°676	-3	...	...	*	31°960	-30°501	0°95	...	...
...	24°955	+4°537	-4	m	...	...	28°534	-34°137	-3	...	...	...	31°991	-38°614	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.			
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.		
1651-1710						1711-1770						1771-1830							
I65I	...	+32'004	-28'815	-5	...	I7II	...	+36'179	+8'434	0.90	50.9574	9.9	I77I	...	+40'733	-29'990	0.65	...	
...	...	32'062	+26'388	-5	m	...	...	36'186	-18'862	-4	...	...	...	...	40'763	-54'197	-5	...	
*	...	32'193	+1'213	1.00	50.9573	9.6	...	36'231	-59'757	0.90	51.9832	10.0	...	...	40'886	-39'811	-5	...	
...	...	32'334	-27'341	0.80	...	...	...	36'394	+20'875	-5	m	...	...	...	40'936	-39'701	-5	...	
*	...	32'368	-34'521	1.00	51.9822	9.6	...	36'455	+40'114	-5	m	...	*	...	41'116	+13'714	1.00	50.9579	
...	...	+32'380	-53'909	-5	...	*	...	+36'530	-31'614	1.50	51.9833	9.1	...	...	+41'120	-43'600	-3	...	
*	...	32'417	+30'871	1.10	50.9572	9.8	...	36'650	-12'897	0.75	...	...	...	...	41'125	-46'029	-4	...	
...	...	32'418	-3'714	-4	...	...	...	36'829	-39'701	-4	...	...	...	...	41'151	+1'430	-5	m	
...	...	32'511	-9'167	0.75	...	...	...	36'897	-15'890	-5	...	...	...	...	41'179	-43'482	-5	...	
...	...	32'531	-28'815	0.80	...	...	...	36'933	-23'086	0.80	...	...	...	...	41'231	+4'004	0.90	...	
I66I	...	+32'626	-37'394	0.90	51.9823	10.0	I72I	...	+36'958	+15'390	-1	a	...	I78I	...	+41'381	+23'465	-2	b
...	...	32'711	-53'092	0.70	...	...	...	36'995	-22'343	-4	...	...	...	...	41'383	-46'884	-5	...	
...	...	32'901	+22'766	-4	m	...	...	37'030	-58'160	-5	...	...	...	...	41'470	-43'575	-3	...	
...	...	32'930	-16'286	0.70	...	...	...	37'091	-50'313	-4	...	...	...	...	41'532	-47'178	-4	...	
...	...	33'002	-43'317	0.75	...	*	...	37'151	-52'664	1.00	51.9834	10.0	...	...	41'545	-6'826	-4	...	
...	...	+33'010	-46'812	-5	...	...	...	+37'317	+7'871	-2	b	...	...	...	+41'567	-36'761	-4	...	
...	...	33'254	-25'983	-5	...	...	...	37'487	-26'824	-4	...	...	...	...	41'828	-23'995	-4	...	
...	...	33'295	-53'722	-2	...	...	...	37'543	+13'204	-2	b	...	*	...	41'852	-37'151	1.00	51.9844	
...	...	33'376	-49'824	-1	...	†	...	37'775	-44'896	1.60	51.9836	9.4	...	...	41'885	-14'334	-5	...	
...	...	33'408	-15'446	0.80	...	*	...	37'783	+25'132	1.30	50.9575	9.3	...	...	41'919	+10'760	-3	m	
I67I	...	+33'410	+39'584	-4	m	I73I	...	+37'802	-22'066	-5	...	...	I79I	...	+42'137	-48'156	-3	...	
...	...	33'424	+41'115	-2	...	...	...	37'873	-52'536	-5	...	...	...	...	42'143	-10'334	-5	p	
S *	...	33'503	-12'203	3.55	51.9824	7.9	...	37'899	-47'018	-4	...	...	...	...	42'154	-53'900	1.00	51.9845	
...	...	33'523	-55'263	-5	...	*	...	37'944	-42'171	1.00	51.9838	10.0	...	...	42'231	-38'710	-5	...	
...	...	33'642	+17'590	-3	m	...	...	37'946	-1'916	-4	...	...	...	...	42'294	+31'402	-1	b	
*	...	+33'652	-10'354	1.00	51.9825	9.6	*	...	+38'080	-31'532	1.30	51.9837	9.5	...	+42'375	-11'533	0.80	...	
*	...	33'687	-56'516	1.20	51.9827	9.6	...	38'087	+38'774	-3	m	...	...	...	42'383	+23'512	-5	m	
...	...	33'776	+55'540	-5	...	...	...	38'094	+42'567	0.90	...	...	...	...	42'385	-23'429	-5	...	
...	...	33'844	-5'239	0.75	51.9826	10.0	...	38'172	+7'046	-1	...	...	...	...	42'385	-23'429	-5	...	
...	...	34'141	-23'468	-2	...	...	...	38'509	-27'816	-3	...	...	...	...	42'444	-27'763	-3	...	
I68I	...	+34'163	-46'797	-2	...	I74I	...	+38'534	+14'923	-3	m	...	I80I	...	+42'459	-49'866	-2	...	
...	...	34'201	+34'601	-5	m	†	...	38'600	-16'643	-3	...	...	...	...	42'518	-29'565	-2	...	
...	...	34'290	-47'249	-5	...	...	...	38'600	-16'643	-3	...	...	...	...	42'662	-58'383	-1	...	
†	...	34'491	-41'182	-5	...	...	...	38'853	-32'892	-5	...	...	...	...	42'678	-40'039	-5	...	
...	...	34'563	+23'633	-3	m	...	...	38'878	-14'368	-3	...	...	*	...	42'746	-37'090	1.00	51.9850	
...	...	+34'588	-7'606	-4	p	*	...	38'910	-4'352	-5	...	...	...	...	42'810	-9'582	-5	...	
...	...	34'635	-28'160	-5	p	...	...	+38'935	-23'308	0.95	51.9840	10.0	*	...	+42'813	-12'705	1.00	51.9846	
...	...	34'691	-42'474	-3	...	*	...	38'999	+52'240	-3	m	...	...	...	42'828	-48'690	-5	...	
*	...	34'708	-57'446	1.30	51.9829	9.4	*	39'044	+1'719	0.95	50.9576	9.8	*	...	42'848	-23'023	1.00	51.9847	
*	...	34'716	-6'346	1.10	51.9828	10.0	...	39'097	-39'248	1.10	51.9841	9.6	*	...	42'848	-23'023	1.00	51.9847	
I69I	...	+34'861	-46'573	-5	...	I75I	...	+39'219	-18'572	0.70	...	...	I81I	...	+42'857	-2'211	1.00	50.9581	
...	...	34'878	-57'954	-5	...	...	...	39'263	-35'311	-5	p	...	*	...	42'986	+35'294	1.10	50.9580	
...	...	34'910	-33'078	0.80	...	†	...	39'441	-58'382	-4	...	...	...	...	43'062	-22'689	1.90	51.9849	
...	...	34'935	-30'517	-4	...	†	...	39'525	-9'869	0.70	...	...	*	...	43'097	+23'221	-2	b	
...	...	35'005	-13'403	-3	...	†	...	39'597	+14'883	-2	...	...	...	...	43'099	-21'626	-4	...	
...	...	+35'021	+1'070	-1	...	...	...	39'636	-48'946	1.00	51.9842	10.0	...	...	43'118	-12'038	1.00	51.9848	
†	...	35'143	-59'859	-2	...	...	...	39'690	-28'018	-5	p	...	...	...	43'221	-14'460	-5	...	
...	...	35'179	+58'044	-3	m	*	...	39'857	-58'823	-5	...	...	...	...	+43'453	-28'374	-3	...	
...	...	35'251	-33'149	-5	...	...	...	39'910	+21'842	1.05	50.9577	9.6	*	...	43'493	-10'731	-5	p	
*	...	35'275	-28'982	0.95	51.9830	10.0	...	39'927	-39'095	-3	...	...	*	...	43'578	-5'481	0.75	...	
I70I	...	+35'553	-3'950	-3	...	I76I	...	+39'988	-5'072	-5	...	...	I82I	...	43'646	-42'691	-5	...	
...	...	35'617	-15'742	-5	p	†	...	40'153	-11'124	0.85	...	...	*	...	43'659	+0'502	1.10	50.9584	
...	...	35'656	-15'517	-2	...	...	...	40'164	+2'628	-4	m	...	...	...	+43'679	+2'319	1.00	50.9585	
...	...	35'824	+27'835	0.75	...	...	...	40'173	+53'821	-4	m	...	...	...	43'691	-9'051	-5	...	
...	...	35'829	-51'912	0.90	51.9831	10.0	...	40'333	+54'106	-4	m	...	...	...	43'703	-16'764	-5	...	
...	...	+35'923	-20'592	-4	...	...	...	+40'427	-27'531	0.90	...	...	...	...	43'740	+18'215	0.90	50.9582	
...	...	35'940	-43'347	-2	...	*	...	40'430	+0'154	-5	m	...	*	...	43'755	-22'122	-3	...	
*	...	35'951	-45'557	0.90	...	...	...	40'491	+56'167	1.35	50.9578	9.4	...	...	+43'843	-50'712	-4	...	
†	...	36'083	-59'857	-3	...	...	...	40'501	+16'941	0.90	...	...	...	...	43'852	+14'717	1.00	50.9586	
...	...	36'146	-10'338	-3	...	...	...	40'681	-48'429	-3	...	...	*	...	43'884	-25'198	-5	...	
														...	43'912	+43'487	-4	m	
														...	44'000	+23'735	1.35	50.9583	

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.	
1831-1890						1891-1950						1951-2010						
I83I	...	...	...	...	...	I89I	...	...	...	...	...	I95I	...	...	...	...	...	
...	+44°007	-5°334	-5	...	...	...	+48°122	+7°206	-5	m	...	...	...	+53°050	+20°431	-4	m	...
...	44°110	-22°860	-5	...	...	...	48°200	-14°217	-4	...	...	...	...	53°124	-18°994	-5	...	...
...	44°129	-43°685	0.90	...	...	...	48°304	+12°086	-2	...	...	e *	...	53°180	-23°482	1.00	51.9864	10.0
*	44°282	+2°789	1.15	50.9587	9.6	...	48°368	+3°950	-4	m	...	...	...	53°182	+59°219	-4	m	...
...	44°317	-2°301	0.75	...	...	...	48°384	+10°775	-3	m	...	...	...	53°240	-38°326	0.80	e	...
†	+44°484	-37°174	-1	...	...	...	+48°457	-23°206	-4	...	...	...	...	+53°323	-37°257	1.00	e	...
...	44°518	+11°837	-1	...	...	*	48°481	-22°571	1.00	51.9855	9.6	...	...	53°357	-7°870	0.70	e	...
...	44°577	-8°053	-5	...	...	...	48°796	-46°730	-2	...	...	...	...	53°364	-24°866	-5	p	...
...	44°728	-14°876	0.85	...	...	...	48°828	-16°617	-5	...	...	...	...	53°423	-24°567	-5	p	...
...	44°778	-50°296	-1	...	...	...	48°848	-19°147	-4	...	...	...	...	53°440	-36°754	-5	p	...
I84I	...	...	...	...	...	I90I	...	...	...	...	...	I96I	...	...	...	...	...	
*	+44°787	+8°082	0.95	50.9588	9.9	...	+48°993	-17°553	-3	...	...	...	...	-53°499	-44°391	-5	...	...
...	44°795	-23°958	-3	...	...	*	49°004	-17°883	0.95	51.9856	10.0	...	...	53°600	-21°798	-5	...	...
...	44°808	-24°618	0.80	...	...	...	49°082	-37°197	-5	...	...	...	...	53°648	-15°820	-5	...	...
...	44°858	-42°582	-4	...	...	*	49°239	-14°594	1.20	51.9857	9.5	...	...	53°768	-24°147	-5	...	...
...	44°891	+0°375	-5	m	...	S †	49°331	+43°231	2.40	50.9592	8.4	†	...	53°863	+9°894	-5	m	...
*	+45°002	+20°494	1.00	50.9589	9.8	...	+49°362	-17°836	0.65	...	...	...	...	+53°917	+55°977	-5	m	...
...	45°063	-2°264	-4	...	...	†	49°448	+29°705	-4	m	...	e *	...	53°978	-53°760	1.50	51.9865	9.3
*	45°235	-45°595	2.00	51.9851	8.8	†	49°506	-50°019	-3	...	...	...	...	53°990	-39°771	0.80	e	...
...	45°247	+23°522	-4	m	...	...	49°625	-53°529	-5	...	...	...	...	53°998	-31°122	-5	...	...
...	45°270	-47°846	-5	...	...	...	49°693	+4°400	-2	a	...	...	...	54°273	-18°636	-4	...	...
I85I	...	...	...	...	...	I91I	...	...	...	...	...	I97I	...	...	...	...	...	
...	+45°400	+11°130	0.65	...	...	...	+49°775	-50°468	-3	...	...	†	...	+54°407	-52°515	-2	e	...
*	45°401	-53°960	1.60	51.9852	9.1	*	49°843	+12°755	0.95	50.9593	10.0	...	...	54°545	-19°856	-3	e	...
...	45°466	+23°608	-5	m	...	...	49°892	-15°398	-5	...	...	e *	...	54°622	-52°439	1.40	51.9866	9.6
...	45°519	-37°014	-3	...	...	...	49°969	-21°406	-4	...	...	†	...	54°739	+4°915	-5	m	...
...	45°523	+32°884	-4	m	...	...	49°978	-7°367	0.70	...	...	...	...	54°751	+41°134	-2	...	...
...	+45°549	-24°816	-4	...	...	...	+50°089	-54°126	-5	...	...	e *	...	+54°793	-50°825	2.80	51.9867	8.4
...	45°563	+7°000	-5	m	...	...	50°152	-59°053	-5	...	...	...	...	54°819	-32°388	-3	e	...
...	45°738	-41°258	-5	p	...	†	50°236	-54°888	-5	...	...	...	...	54°917	-7°159	0.80	e	...
...	45°887	-44°484	-4	...	...	...	50°510	+11°163	-3	m	...	*	...	54°930	+7°866	1.10	50.9595	9.5
...	45°948	+43°523	-4	m	...	...	50°669	+1°944	0.85	...	...	...	...	54°973	+0°749	-2	...	...
I86I	...	...	...	...	...	I92I	...	...	...	...	...	I98I	...	...	...	...	...	
...	+46°020	-12°229	-2	...	...	...	+50°704	+6°627	-3	...	...	...	...	+55°028	+5°285	-3	m	...
...	46°067	-1°315	-2	...	...	...	50°710	-11°917	0.85	...	...	...	...	55°115	+23°199	-3	e	...
...	46°153	+28°650	0.90	50.9590	10.0	...	51°040	+11°868	-4	m	...	...	...	55°200	-31°257	-5	...	...
...	46°212	-5°307	-2	...	...	†	51°086	-54°960	1.10	51.9859	9.6	...	...	55°296	+5°124	-3	e	...
...	46°444	+3°937	-5	m	...	...	51°110	-41°576	0.75	...	...	...	...	55°333	-1°886	-4	...	...
†	+46°468	-54°964	-3	...	...	*	+51°169	-2°025	1.10	50.9594	9.6	...	...	+55°351	+2°739	-4	m	...
...	46°485	+6°187	-2	...	...	†	51°336	-34°931	1.15	51.9858	9.4	*	...	55°503	-41°394	0.90	e	...
...	46°508	-27°286	-5	...	...	...	51°361	+15°234	-4	m	...	...	...	55°560	+13°009	-3	e	...
*	46°533	-53°246	1.00	51.9853	9.8	...	51°368	-10°246	0.70	...	...	...	...	55°571	-13°621	-3	e	...
...	46°624	-51°514	-2	...	...	...	51°556	+53°538	-5	m	...	*	...	55°711	+38°121	1.00	50.9597	9.8
I87I	...	...	...	...	...	I93I	...	...	...	...	...	I99I	...	...	...	...	...	
...	+46°691	-43°670	-3	...	...	...	+51°642	-23°540	-5	...	...	e †	...	+55°721	-49°923	1.50	51.9868	9.4
...	46°910	+27°217	-4	m	...	...	51°891	-32°113	-3	...	...	*	...	55°723	+42°072	2.20	50.9596	8.6
...	46°952	-15°116	-2	...	...	...	51°981	+2°398	0.75	...	...	†	...	55°727	+54°860	-5	m	...
...	47°119	+27°909	-3	m	...	e	52°045	-56°099	-1	...	...	†	...	55°860	-10°072	0.90	e	...
...	47°208	+12°896	-2	b	...	e	52°256	-55°946	-2	51.9860	10.0	...	...	55°943	-14°731	-3	e	...
...	+47°278	-9°225	0.85	...	...	...	+52°275	-17°618	-5	...	...	...	...	+56°179	-57°155	-3	e	...
...	47°304	+10°942	-4	m	...	...	52°376	-42°023	-5	...	...	...	...	56°316	-37°155	0.90	e	...
...	47°398	-0°861	0.85	...	...	e *	52°413	-46°727	1.00	51.9861	9.8	...	...	56°341	-47°868	-5	...	...
...	47°411	-45°261	-5	p	...	...	52°591	+21°796	-5	m	...	...	...	56°396	+4°407	-3	e	...
...	47°610	+12°331	-4	m	...	e *	52°603	-46°338	1.00	51.9862	10.0	...	...	56°408	-45°488	0.90	e	...
I88I	...	...	...	...	...	I94I	...	...	...	...	...	200I	...	...	...	...	...	
...	+47°626	+28°117	-4	m	...	...	+52°629	-16°508	-4	...	...	...	...	+56°432	+0°798	-3	e	...
...	47°657	-28°482	-2	...	...	...	52°816	-11°616	0.85	...	...	†	...	56°543	+39°858	-3	m	...
...	47°670	-27°823	0.65	...	...	...	52°843	-0°865	0.75	...	...	...	...	56°585	-38°700	-5	p	...
...	47°715	+56°694	10.0	49.9538	10.0	...	52°847	+33°664	-2	b	...	...	...	56°731	+30°881	-5	m	...
...	47°715	-32°735	-3	...	...	†	52°849	-49°876	1.00	e	...	...	...	56°733	-29°186	-5	...	...
*	+47°750	+37°555	0.95	50.9591	9.9	e †	+52°853	-45°015	0.85	51.9863	10.0	...	...	+56°800	+10°553	-4	m	...
...	47°800	-55°714	-5	p	...	...	52°911	+8°912	-5	m	...	...	...	56°856	-44°273	-3	...	...
...	47°815	-9°753	-3	...	...	...	52°999	-30°283	-4	...	...	...	...	57°157	+4°501	-3	e	...
...	47°958	+1°015	-2	b	...	...	53°008	-0°860	-2	...	...	e *	...	57°202	-20°400	1.00	51.9869	10.0
...	47°985	+15°479	0.70	...	...	...	53°049	-36°646	-4	...	...	...	...	57°214	+5°618	-3	e	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		...	No.
2011-2030						2031-2043											
2011						2031											
†	+57.267	-39.988	-5	...	...	...	+58.773	+34.704	0.85	50.9600	10.0						
...	57.337	+6.480	-3	e	...	...	58.788	+50.212	0.90	50.9599	10.0						
...	57.483	+23.324	-3	e	...	...	58.833	+0.938	-4	m	...						
*	57.609	+18.217	1.10	50.9598	9.8	...	58.847	-8.889	-3	e	...						
...	57.645	-30.567	-3	e	...	*	58.848	+3.367	1.20	50.9603	9.6						
...	+57.787	-24.701	0.75	e	...	e *	+58.861	-31.470	1.20	51.9871	9.8						
...	57.818	-10.915	-3	e	...	*	58.894	+11.707	1.00	50.9602	9.8						
...	57.889	+15.671	-2	...	...	...	58.942	-15.653	0.85	e	...						
...	57.974	-21.043	-5	p	...	...	58.968	-9.572	-4	e	...						
...	57.996	-0.181	-2	e	...	...	59.034	+33.254	-5	m	...						
2021						2041											
...	+58.028	+14.978	-1	...	...	...	+59.214	+7.114	-3	e	...						
...	58.069	-17.535	0.75	e	...	†	59.351	-8.733	0.90	e	...						
...	58.100	-31.544	0.80	e	...	†	59.354	+0.480	-3	e	...						
...	58.171	-59.417	-5	...	...												
...	58.192	-56.950	-5	...	...												
e *	+58.293	-19.890	1.00	51.9870	10.0												
...	58.393	-38.990	-5	...	...												
...	58.426	-55.349	-1	e	...												
...	58.455	-6.041	-5	p	...												
*	58.769	+7.984	1.20	50.9601	9.5												

1-30						31-60						61-90											
I						3I							6I										
...	-59'638	-7'975	-4	°E	...	E	-56'551	-52'474	I'05	51.9866	9.6	...	...	-53'961	-9'455	-5	°E	...	...	...	...	...	...
*	59'297	+42'014	2'00	50.9596	8.6	...	56'461	+18'243	I'00	50.9598	9.8	...	...	53'943	-31'444	-4	E	...	...	...	...	...	...
E	59'183	-23'582	-1	51.9864	10.0	E *	56'457	-50'858	2'60	51.9867	8.4	...	...	53'898	+25'984	-5	B	...	...	...	...	...	...
...	59'164	+38'051	-1	50.9597	9.8	...	56'356	+4'522	-5	E	...	...	...	53'826	+41'185	-5	...	...	...	...	...	...	...
...	59'153	+23'131	-5	E	...	...	56'342	+5'638	-5	E	...	...	...	53'748	-15'532	-2	E	...	...	...	...	...	...
E	-58'996	-46'849	-1	51.9861	9.8	...	-56'258	+6'517	-4	E	...	...	...	-53'648	-0'411	-5	...	...	...	...	...	...	...
n E	58'993	-56'217	-5	51.9860	10.0	...	56'138	-41'391	-3	E	...	...	...	53'605	-8'596	0.80	E	...	...	...	...	...	...
E	58'836	-46'447	-1	51.9862	10.0	...	56'091	+15'713	-5	...	...	...	...	53'256	+35'725	-4	50.9608	10.0	...	...	...	...	...
n E	58'782	-56'054	-5	51.9860	10.0	...	55'951	+34'767	-3	50.9600	10.0	*	...	53'219	+4'532	1.00	50.9607	9.8	...	...	...	...	...
...	58'703	+7'803	1.00	50.9595	9.5	...	55'916	+15'022	-3	...	...	E	...	53'181	-31'333	1.00	51.9871	9.8	...	...	...	...	...
II						4I							7I										
E	-58'623	-45'105	-4	51.9863	10.0	E †	-55'563	-49'901	I'00	51.9868	9.4	...	...	-53'048	-17'719	-5	...	...	...	...	...	...	...
...	58'531	-38'421	-5	E	...	...	55'495	-37'138	-2	E	...	...	...	52'743	+15'054	-2	...	...	...	...	...	...	...
...	58'480	-37'336	-2	E	...	†	55'324	-0'115	-4	E	...	...	...	52'697	+18'066	-5	M	...	...	...	...	...	...
...	58'448	-49'988	-4	E	...	E	55'291	-20'355	I'00	51.9869	10.0	...	...	52'638	-55'224	-3	E	...	...	...	...	...	...
...	58'395	+0'695	-4	...	...	...	55'067	-45'445	-3	E	...	...	...	52'573	-22'082	0.85	51.9873	10.0	...	...	...	...	...
...	-58'288	+12'963	-5	E	...	...	-55'059	-10'852	-5	E	...	...	...	-52'522	-3'191	-5	...	...	...	...	...	...	...
...	58'232	+5'076	-5	E	...	...	54'913	+11'804	I'00	50.9602	9.8	...	...	52'377	-9'132	-2	...	...	...	...	...	...	...
...	58'109	-7'217	-3	E	...	...	54'876	+8'073	I'00	50.9601	9.5	...	...	52'351	-0'972	-2	...	...	...	...	...	...	...
...	57'965	-19'917	-5	E	...	...	54'831	-57'111	-5	E	...	...	...	52'335	-8'476	-5	...	...	...	...	...	...	...
...	57'713	-39'829	-5	E	...	...	54'607	+3'468	I'00	50.9603	9.6	...	...	52'219	-17'132	-3	...	...	...	...	...	...	...
2I						5I							8I										
...	-57'198	-13'646	-5	E	...	...	-54'567	+25'797	I'00	50.9604	9.8	...	...	-51'574	+53'395	-5	M	...	...	...	...	...	...
...	57'179	-32'411	-5	E	...	...	54'545	-17'443	-3	E	...	...	...	51'563	-4'744	-5	...	...	...	...	...	...	...
E *	57'143	-53'807	1.80	51.9865	9.3	...	54'532	-24'613	-4	E	...	...	...	51'547	-31'886	1.00	51.9874	9.8	...	...	...	...	...
...	57'112	+4'399	-5	E	...	...	54'437	-30'484	-5	E	...	...	...	51'166	-33'197	-4	...	...	...	...	...	...	...
†	57'054	-10'077	-2	E	...	...	54'398	+7'222	-5	E	...	...	...	50'864	-39'585	1.00	51.9876	9.6	...	...	...	...	...
...	-56'916	+0'800	-5	E	...	E	-54'223	-19'791	I'00	51.9870	10.0	...	...	-50'815	-36'889	-4	...	...	...	...	...	...	...
...	56'792	+23'347	-5	E	...	...	54'125	-8'777	-5	E	...	...	...	50'786	-40'733	-4	...	...	...	...	...	...	...
...	56'788	-14'729	-5	E	...	*	54'048	+27'213	I'25	50.9606	9.4	*	...	50'712	-46'790	I'20	51.9875	9.4	...	...	...	...	...
...	56'761	-52'533	-5	E	...	...	54'016	+4'314	-2	50.9605	10.0	...	...	50'639	+9'718	0.90	50.9609	10.0	...	...	...	...	...
...	56'591	+50'273	-5	50.9599	10.0	...	53'977	+0'610	-5	E	...	...	...	50'257	-23'115	-3	...	...	...	...	...	...	...

L measured from 1, 283, 653, 1070.

MC " " 130, 440, 848, 1271.

7, 9. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
91-150						151-210						211-270					
9I	-50.011	-42.818	-5	°	...	15I	-42.271	-44.310	1.00	51.9888	9.8	21I	-37.003	+59.394	-5	°	M
...	49.323	+37.527	1.00	50.9611	9.6	*	42.063	-58.749	1.50	51.9887	9.2	...	36.982	+23.833	-3	...	...
...	49.263	-16.831	-5	...	...	...	41.885	-42.295	-1	51.9889	9.8	...	36.917	-8.558	-2	...	...
...	49.248	-36.031	-5	...	...	*	41.806	+7.497	1.30	50.9621	9.2	...	36.889	-52.666	-4	...	...
...	49.099	-22.678	-4	...	...	...	41.634	+22.563	-4	M	...	*	36.750	+25.394	1.20	50.9628	9.4
...	-49.013	+14.681	-5	...	...	*	-41.572	-9.616	1.00	...	...	*	-36.661	+16.798	1.00	50.9627	9.6
...	48.947	-11.390	0.75	...	...	*	41.534	-42.024	1.30	51.9890	9.6	*	36.309	+16.111	1.30	50.9629	9.4
*	48.926	+16.995	1.05	50.9612	9.4	...	41.334	+17.473	-4	M	...	...	36.298	-22.105	-1	51.9902	10.0
...	48.913	+14.758	0.80	50.9610	9.8	...	41.289	-25.933	-3	...	...	...	36.190	+23.754	-4	M	...
...	48.625	+23.905	0.90	50.9613	9.9	...	41.212	-52.389	-5	...	...	...	36.171	-57.507	-4	...	...
10I	...	...	...	...	...	16I	...	...	...	...	...	22I	...	...	...	...	...
...	-48.438	-57.264	-5	...	...	*	-41.054	+21.578	1.00	50.9622	9.4	...	-36.160	-31.469	-4	...	...
...	48.271	-10.669	-4	...	...	...	41.051	-3.669	-4	...	...	*	36.130	-5.654	1.00	51.9903	9.6
*	48.240	-49.411	2.00	51.9877	8.9	...	40.933	+28.153	-3	A	...	...	35.957	-35.744	-1	...	...
...	48.111	-53.025	-5	p	...	...	40.760	-15.571	0.95	51.9893	9.8	...	35.858	+8.802	-4	M	...
...	48.010	+22.952	-5	M	...	...	40.743	+51.996	-2	50.9624	10.0	...	35.520	+12.813	-4	M	...
...	-47.969	-43.603	-5	...	...	...	-40.715	-58.059	1.00	51.9891	9.6	...	-35.501	-30.910	-5	...	...
...	47.608	-55.487	-5	...	...	...	40.713	-51.433	-5	...	...	...	35.451	+20.497	-1	...	...
...	47.590	-26.307	-5	...	...	...	40.706	-9.940	-4	...	...	*	35.448	+25.972	1.10	50.9630	9.6
...	47.460	-25.105	-4	...	...	...	40.684	+12.008	0.65	...	...	...	35.422	+9.736	-4	M	...
...	47.195	+24.625	1.00	50.9614	9.6	...	40.633	+11.497	0.70	...	...	...	35.268	+4.058	-5	M	...
11I	...	...	...	...	...	17I	...	...	...	...	...	23I	...	...	...	...	...
...	-47.174	+0.299	-4	...	...	...	-40.514	-9.030	-3	...	...	*	-35.096	-28.572	1.00	51.9904	9.4
...	47.112	-15.911	-3	...	...	...	40.336	-28.137	-4	...	...	...	35.031	-29.909	-2	...	...
...	47.024	+19.498	-5	M	...	...	40.285	-38.203	-5	p	...	*	35.023	+22.673	0.90	50.9631	9.9
S *	46.913	+35.303	1.95	50.9615	8.6	S *	40.111	+6.981	1.30	50.9623	9.0	...	35.022	-27.529	-5	p	...
...	46.866	-49.807	-5	...	...	*	40.107	-41.061	1.30	51.9894	9.6	...	34.780	+55.355	-5	M	...
...	-46.848	-24.684	0.80	51.9878	10.0	...	-40.082	+0.790	-4	M	...	...	-34.599	+12.596	-4	M	...
...	46.776	-31.013	-5	...	...	...	40.064	+12.807	-4	M	...	...	34.500	+24.553	-3	...	...
...	46.345	-52.910	-5	...	...	...	39.822	-33.262	-5	p	...	...	34.473	-53.177	0.90	51.9906	10.0
...	46.193	+4.787	0.80	50.9616	10.0	*	39.698	+13.288	1.00	50.9625	9.6	...	34.421	-4.802	-2	...	...
...	46.078	-21.710	-4	...	...	...	39.541	-5.317	-3	...	...	*	34.413	-56.838	1.80	51.9905	9.0
12I	...	...	...	...	...	18I	...	...	...	...	...	24I	...	...	...	...	...
...	-45.965	+0.853	0.95	50.9617	9.8	...	-39.534	+16.947	-4	M	...	...	-34.355	+24.616	-3	B	...
*	45.921	-12.353	1.00	51.9879	9.6	...	39.534	+1.896	0.75	...	...	...	34.230	+30.696	-5	M	...
...	45.805	+27.236	0.90	50.9618	9.8	...	39.400	+48.878	1.20	50.9626	9.6	...	34.165	+22.553	0.90	50.9632	9.8
...	45.738	-23.592	-5	...	...	...	39.386	-50.834	-3	...	...	...	33.951	-18.876	-4	...	...
...	45.657	-6.607	0.70	...	...	...	39.331	+33.008	-3	...	...	...	33.865	+26.663	-2	...	...
...	-45.391	-10.438	1.00	51.9880	9.8	...	-39.321	-47.290	0.95	51.9896	9.8	...	-33.795	+3.565	-3	B	...
...	45.035	-27.849	-5	p	...	...	39.305	-11.720	-1	...	...	...	33.775	+51.165	-1	50.9634	9.9
...	44.997	-18.451	0.90	51.9881	10.0	*	39.262	-55.311	1.60	51.9895	9.0	...	33.715	-16.727	-5	p	...
†	44.898	-9.424	0.70	51.9882	10.0	...	39.188	+8.675	-4	M	...	...	33.631	+21.229	-5	M	...
...	44.462	-34.229	-3	...	...	...	39.137	-4.150	-5	...	...	...	33.589	+23.248	0.80	50.9633	10.0
13I	...	...	...	...	...	19I	...	...	...	...	...	25I	...	...	...	...	...
†	-44.419	+34.779	-4	B	...	...	-38.938	+30.324	-1	...	...	...	-33.539	+28.035	-2	...	...
...	44.340	+8.577	-5	M	...	...	38.904	-41.270	-5	p	...	...	33.486	+27.615	-4	M	...
...	44.143	+17.099	-4	M	...	...	38.899	-11.276	-3	...	...	...	33.421	-27.563	-5	...	...
...	43.842	-9.517	-4	...	...	...	38.898	-41.558	-5	p	...	...	33.240	-8.010	-5	...	...
...	43.830	+25.456	0.90	50.9619	9.9	*	38.862	-21.069	1.15	51.9897	9.5	...	33.234	-53.500	-4	...	...
...	-43.671	-22.381	-4	...	...	...	-38.464	+58.131	-4	B	...	*	-33.189	-57.424	1.20	51.9907	9.4
...	43.585	-43.401	0.90	51.9883	10.0	...	38.452	+0.665	-4	...	...	...	33.161	+6.916	-2	...	...
...	43.509	-6.255	-3	...	...	...	38.092	-12.521	0.80	51.9899	10.0	...	32.943	+28.230	-2	...	...
...	43.446	-19.342	-2	...	...	...	38.087	-16.734	-4	...	...	*	32.832	-56.408	1.50	51.9909	9.2
*	43.421	+7.726	0.95	50.9620	9.9	...	38.070	-2.991	-5	...	...	...	32.813	-21.402	0.80	51.9910	10.0
14I	...	...	...	...	...	20I	...	...	...	...	...	26I	...	...	...	...	...
...	-43.409	+6.329	-4	...	...	...	-37.967	-59.434	-5	p	...	...	-32.619	+27.225	-4	M	...
...	43.382	-28.261	-4	...	...	...	37.892	-10.369	-5	...	...	...	32.600	+23.933	-3	...	...
...	43.308	+2.485	-3	...	...	...	37.666	-55.595	-4	...	...	...	32.410	-0.639	0.65	...	...
*	43.263	-11.861	1.00	51.9886	9.6	...	37.629	-7.327	0.85	51.9901	10.0	...	32.149	-57.884	-4	...	...
...	43.236	-26.363	1.20	51.9884	9.6	...	37.569	-47.023	-1	51.9898	10.0	...	32.104	+27.875	0.80	50.9635	10.0
...	-43.192	+54.873	-4	...	...	...	-37.562	+19.755	-4	M	...	...	-32.035	-45.920	-3	51.9911	10.0
...	42.644	-51.367	-1	51.9885	10.0	...	37.330	+0.989	-5	M	...	...	31.709	-26.102	-5	...	...
...	42.604	-0.534	-3	...	...	...	37.278	-30.748	-2	...	...	...	31.675	+13.864	-3	...	...
...	42.446	+28.732	-1	...	...	...	37.169	-34.251	-3	...	...	...	31.300	+17.139	0.65	...	...
...	42.307	-23.627	-4	...	...	...	37.153	-31.762	-1	51.9900	10.0	...	31.181	-12.597	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	γ.		No.	Mag.		α.	γ.		No.	Mag.		α.	γ.		No.	Mag.
271-330						331-390						391-450					
27I	-31°154	+12°394	-5	M	...	33I	-25°732	+20°726	0°90	50.9646	9.9	39I	-20°235	-22°184	-2	...	...
...	31°037	-15°384	0°90	51.9912	10.0	...	25°677	-17°045	-4	...	...	...	20°120	-31°958	0°80	...	...
...	31°015	+14°502	0°95	50.9636	9.9	...	25°433	+12°823	-3	...	...	...	20°113	-5°663	-5	p	...
...	30°905	-35°450	-5	p	...	...	25°239	-48°293	-5	p	...	*	20°099	-6°800	1°00	51.9931	9.4
...	30°743	-26°388	-3	...	...	...	25°160	-7°104	-4	...	...	...	20°068	-33°606	-5	...	...
...	-30°704	-45°988	-1	...	...	...	-24°937	+51°360	-4	...	...	...	-20°042	+20°780	-5	M	...
*	30°701	-25°348	1°00	51.9913	9.6	†	24°926	-7°287	0°95	51.9923	9.6	†	19°849	+50°467	-3	...	...
...	30°576	-4°154	-2	...	...	...	24°741	-27°510	0°75	...	...	...	19°758	+7°145	0°90	50.9653	9.8
...	30°510	+19°489	-4	M	...	...	24°698	+0°584	-4	M	...	...	19°753	-58°551	-3	...	...
...	30°491	+15°735	-3	...	...	...	24°628	+6°028	-5	M	...	...	19°637	+2°051	0°70	...	...
28I	-30°255	-23°363	-3	...	...	34I	-24°612	-30°735	-5	...	...	40I	-19°248	+34°662	1°05	50.9654	9.3
...	30°109	-28°192	-1	51.9914	10.0	...	24°602	+53°126	-3	...	...	...	19°181	+3°011	-4	M	...
†	29°881	-39°834	-5	...	...	...	24°487	+21°370	-4	M	...	...	19°034	+1°425	-5	M	...
*	29°873	-31°860	1°10	51.9915	9.2	...	24°401	-53°570	-4	...	...	...	18°981	-57°037	-5	...	...
...	29°569	-31°569	-5	...	...	...	24°378	+12°375	-4	M	...	...	18°843	-59°411	-5	...	...
...	-29°556	-0°694	0°90	50.9637	9.8	...	-24°317	-3°000	-4	...	...	...	18°673	-39°548	-5	...	...
...	29°523	-22°955	-5	...	...	...	24°315	-26°120	0°90	51.9924	9.8	...	18°420	-20°383	-4	...	...
...	29°495	-13°050	-3	...	...	S *	24°014	-24°110	2°25	51.9926	8.4	...	18°410	-51°714	1°00	51.9932	9.8
...	29°388	+58°005	-5	...	...	†	23°906	-35°064	1°00	51.9925	9.5	*	18°288	+7°553	1°00	50.9655	9.8
...	29°331	+0°921	-4	M	...	...	23°886	+34°099	0°80	50.9647	10.0	...	18°207	-8°556	-5	...	...
29I	-29°331	-27°028	-5	...	...	35I	-23°814	-26°946	-4	...	...	41I	-18°144	+31°545	-5	M	...
...	29°165	-33°716	0°75	51.9916	10.0	...	23°708	-22°954	-4	...	...	...	18°138	-38°484	-5	...	...
...	29°123	+1°585	-5	M	...	...	23°317	+10°782	0°80	...	...	...	18°104	-0°584	-5	p	...
...	29°007	-10°358	0°75	...	...	*	23°021	+34°883	0°95	50.9648	9.9	...	18°102	-48°319	-5	...	...
...	28°984	+23°859	-3	...	...	†	22°902	+49°796	-4	...	...	*	18°003	-35°230	2°00	51.9933	8.6
...	-28°944	+10°867	0°90	50.9639	9.8	...	-22°830	+36°049	0°85	50.9649	10.0	...	-17°791	+2°585	0°90	50.9656	9.8
...	28°914	-26°509	-2	...	...	...	22°762	-4°319	-3	...	...	...	17°786	-25°734	-3	...	...
...	28°900	+20°933	1°00	50.9640	9.8	...	22°752	+27°511	-5	M	...	...	17°683	+32°050	0°85	50.9658	10.0
...	28°887	+1°104	0°95	50.9638	9.6	...	22°709	-39°044	-5	...	...	...	17°618	-1°090	0°95	50.9657	9.6
...	28°770	-19°226	-3	...	...	...	22°698	-49°576	-5	...	...	...	17°508	+2°497	-5	M	...
30I	-28°762	-33°356	-3	...	...	36I	-22°693	-39°869	-3	...	...	42I	-17°403	-51°809	-4	...	...
...	28°682	-51°052	-5	...	...	...	22°691	-24°643	-3	...	...	...	17°315	+9°407	0°75	...	...
...	28°596	+35°731	-4	...	...	...	22°524	+32°243	-4	B	...	...	17°315	-29°209	0°85	51.9934	10.0
...	28°482	-5°627	-3	...	...	...	22°479	+35°910	-5	M	...	...	17°109	-56°522	-5	...	...
...	28°399	-26°676	0°90	51.9917	10.0	...	22°453	+9°918	-5	M	...	...	17°002	+8°167	-5	M	...
*	-28°065	+47°765	1°60	50.9642	9.3	...	-22°303	-16°282	-5	...	...	...	-16°948	+11°649	-4	M	...
*	27°753	+11°528	1°00	50.9641	9.8	...	22°247	-27°183	-3	...	...	...	16°919	+27°843	-5	...	...
...	27°625	+6°391	-5	M	...	*	22°201	-30°347	1°00	51.9927	9.6	...	16°894	+38°828	-5	M	...
...	27°569	+18°710	-5	M	...	...	22°122	-50°580	-4	...	...	...	16°876	-6°387	0°85	51.9935	10.0
...	27°553	+32°309	0°90	50.9644	10.0	...	22°095	-45°583	-5	p	...	...	16°801	+49°033	-2	...	...
31I	-27°543	-32°557	-5	...	...	37I	-21°825	+3°086	-5	M	...	43I	-16°512	-52°193	-5	...	...
...	27°460	+22°818	0°95	50.9643	9.8	...	21°797	-30°899	0°90	51.9928	10.0	...	16°186	-26°929	-5	...	...
...	27°438	+12°274	-5	M	...	...	21°698	-30°310	-5	...	...	...	16°155	-20°634	-4	...	...
...	27°324	-16°544	0°95	51.9918	9.8	...	21°640	+9°664	0°85	...	...	...	16°077	-8°094	-2	...	...
...	27°115	-18°523	-4	p	...	...	21°557	+50°623	-5	M	...	...	15°826	-40°453	-5	...	...
...	-26°940	-3°489	0°90	51.9922	10.0	...	-21°294	-36°632	-5	...	...	...	-15°795	+24°149	-5	M	...
...	26°867	-44°411	1°00	51.9919	9.6	...	21°262	-19°202	-3	...	...	...	15°570	-7°833	-4	...	...
...	26°776	-41°286	1°00	51.9920	9.8	...	21°196	-34°456	0°75	51.9929	10.0	...	15°538	-58°144	-4	...	...
...	26°773	-13°002	-5	...	...	...	21°176	+6°944	-1	...	...	...	15°387	-35°547	-5	...	...
...	26°721	-32°124	0°75	51.9921	10.0	...	21°108	-7°013	0°75	...	...	†	14°948	-28°827	-3	...	...
32I	-26°587	+12°763	0°80	...	...	38I	-20°965	+15°591	1°35	50.9650	9.0	44I	-14°858	-50°243	-3	...	...
...	26°435	+44°242	-1	...	...	...	20°931	+47°645	1°00	50.9652	10.0	...	14°664	-21°736	-4	...	...
...	26°390	+3°144	-5	M	...	S *	20°787	+30°317	1°20	50.9651	9.1	...	14°641	+30°110	-5	M	...
...	26°339	+37°405	1°00	50.9645	10.0	...	20°713	-44°878	0°90	51.9930	10.0	...	14°571	-2°693	-3	...	...
...	26°303	-3°239	-5	...	...	...	20°696	-26°883	-4	...	...	...	14°388	-42°034	-3	...	...
...	-26°224	+19°739	-3	...	...	...	-20°566	-13°346	-4	...	...	...	-14°352	-9°666	-5	...	...
†	26°078	-15°028	-4	...	...	...	20°499	-53°078	-1	...	...	...	14°341	-58°903	-5	p	...
...	25°968	+21°918	-4	M	...	...	20°487	-32°347	-5	...	...	...	14°153	-33°129	-5	...	...
...	25°891	+27°943	-3	...	...	...	20°404	-19°496	-5	...	...	...	14°007	+4°636	0°90	50.9659	9.9
...	25°810	+53°189	-5	M	...	...	20°367	+26°270	0°70	...	...	...	13°987	-23°708	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α	δ		No.	Mag.		α	δ		No.	Mag.		α	δ		No.	Mag.
451-510						511-570						571-630					
45I	-13°980	-3°616	0.85	51.9936	10.0	51I	-9°090	+14°125	0.75	50.9664	10.0	57I	-5°405	-16°703	-4	...	...
...	13°976	-6°479	-4	...	...	*	8°857	-1°802	1.50	50.9665	9.0	...	5°381	-45°333	-4	...	...
†	13°885	+9°871	-4	M	...	...	8°743	+6°194	-1	...	...	...	5°349	+34°856	-4	M	...
...	13°784	-9°407	-4	...	...	†	8°720	+24°800	0.95	50.9666	9.8	...	5°236	+14°914	0.85	50.9675	10.0
...	13°758	-36°882	-5	p	...	*	8°578	-13°069	-4	...	...	*	5°094	-14°851	1.10	51.9954	9.6
...	-13°710	+5°935	-3	B	...	*	-8°567	-3°169	1.00	51.9944	9.8	...	-5°046	+3°124	0.75	50.9676	10.0
...	13°677	-5°391	-4	...	...	...	8°541	+29°008	0.95	50.9668	9.8	...	5°004	+3°453	-5	M	...
...	13°608	-36°967	-2	...	...	...	8°434	-37°409	-4	...	...	...	4°984	+6°864	-4	M	...
...	13°585	-14°361	0.75	...	...	*	8°399	+6°167	1.20	50.9667	9.4	...	4°970	-43°781	-4	...	...
...	13°530	-27°533	-4	...	...	...	8.330	-56°661	-4	...	...	...	4°787	-32°636	-5	...	...
46I	-13°493	-3°337	-4	...	...	52I	-8°328	-8°686	-4	...	...	58I	-4°771	-30°668	-1	...	...
...	13°043	+15°832	-4	M	...	...	8°319	+5°453	-5	M	...	...	4°724	+24°419	-1	...	...
...	13°025	-17°649	0.70	...	...	...	8°318	+36°194	0.70	50.9669	9.9	...	4°676	-17°087	-5	...	...
...	12°990	-27°546	-3	...	...	...	8°266	-20°649	-2	...	...	...	4°648	+8°563	-5	M	...
*	12°800	-7°119	1.40	51.9937	9.0	...	8°217	-55°817	-5	p	...	...	4°640	+21°078	-5	M	...
...	-12°593	-47°898	-2	...	...	...	-8°195	+3°256	-3	B	...	...	-4°629	-2°316	-3	...	...
...	12°578	-51°133	-3	...	...	...	8°147	+27°929	-4	M	...	...	4°625	-42°909	-1	...	...
...	12°485	-2°438	-3	...	...	...	8°096	-4°426	-4	...	...	...	4°567	-12°417	-2	...	...
...	12°393	-36°209	-4	...	...	*	8°032	-22°963	1.00	51.9945	9.8	...	4°513	+29°504	-4	M	...
...	12°211	+12°527	-4	M	...	...	7°963	-34°086	-5	...	...	...	4°434	-24°629	-5	...	...
47I	-12°003	-1°034	-4	...	...	53I	-7°962	-55°180	-2	...	...	59I	-4°227	+9°663	-2	...	...
...	11°932	-2°073	-3	...	...	*	7°943	-7°713	1.70	51.9946	9.0	*	4°169	-33°291	1.00	51.9955	9.8
...	11°904	+3°945	0.75	50.9660	10.0	...	7°916	-50°352	-5	...	...	...	4°092	-17°388	-4	...	...
...	11°828	-18°392	-3	...	...	...	7°848	-23°313	-4	...	...	*	4°077	-0°562	0.95	50.9677	9.9
...	11°824	-40°693	-5	p	...	...	7°654	-22°538	-3	...	...	...	4°004	-38°013	-3	...	...
...	-11°783	+20°567	-2	...	...	*	-7°363	-5°587	0.95	51.9947	9.6	...	-3°996	+25°879	-3	...	...
...	11°758	-20°958	-3	...	...	...	7°266	-36°463	-3	...	...	...	3°873	-12°516	-4	...	...
...	11°734	-1°039	-3	...	...	...	7°254	+26°974	1.00	...	...	...	3°753	-25°457	-5	...	...
*	11°635	-27°162	1.30	51.9938	9.2	*	7°235	-21°917	1.00	51.9948	9.6	...	3°709	+26°204	0.85	50.9678	9.8
...	11°565	-46°862	-5	...	...	...	7°182	-48°161	-5	...	...	...	3°572	+51°964	-3	...	...
48I	-11°292	+29°086	-5	M	...	54I	-6°913	-34°500	1.05	51.9949	9.6	60I	-3°569	-16°410	-5	...	...
...	11°284	-11°093	-3	51.9939	10.0	...	6°827	-36°503	0.75	51.9950	10.0	...	3°506	-31°509	-1	...	...
...	11°264	-42°948	-3	...	...	...	6°820	-55°930	-4	...	...	†	3°505	+24°784	1.00	50.9679	9.6
...	11°239	+12°795	-5	M	...	*	6°776	+21°604	0.90	...	...	...	3°400	+32°428	-5	M	...
...	11°081	-33°662	-5	p	...	...	6°767	+10°778	0.75	50.9670	10.0	...	3°356	-8°029	-4	...	...
...	-11°031	-57°551	-5	...	...	...	-6°701	+8°683	-2	...	...	...	-3°017	-20°801	-2	...	...
...	10°933	-34°677	-5	...	...	...	6°679	-53°384	0.95	51.9951	10.0	...	2°830	-33°020	-4	...	...
...	10°843	-43°767	0.85	51.9940	10.0	...	6°647	+30°904	-2	...	...	...	2°796	-3°480	-4	...	...
*	10°720	+4°415	1.00	50.9661	9.8	...	6°626	-3°231	-3	...	...	...	2°778	-21°636	-1	...	...
...	10°431	+58°215	-2	49.9609	10.0	...	6°544	+15°746	0.85	50.9671	10.0	...	2°666	-9°273	-3	...	...
49I	-10°416	-28°458	-1	...	...	55I	-6°516	-14°554	-5	...	...	61I	-2°647	-51°398	-5	p	...
...	10°309	-50°568	-3	...	...	...	6°473	-31°570	-3	...	...	...	2°643	+10°677	-5	Mm	...
...	10°285	+49°059	-3	...	...	...	6°454	-30°378	-5	...	...	...	2°441	-6°484	-4	...	...
...	10°191	-9°789	-4	...	...	...	6°426	+7°817	0.70	50.9672	10.0	...	2°413	-21°355	-4	...	...
...	10°130	+8°868	-3	B	...	...	6°064	-58°815	-2	...	...	...	2°400	+10°442	-4	Mm	...
†	-10°029	-48°201	-3	...	...	...	-6°039	-40°608	-5	...	...	...	-2°284	-37°837	-4	...	...
†	9°966	+3°459	0.75	50.9662	10.0	...	6°021	-44°152	-3	...	...	†	2°250	-40°036	-3	...	...
...	9°801	-30°754	0.90	51.9942	10.0	...	5°920	-55°528	-5	p	...	...	2°100	+27°081	-3	...	...
...	9°724	+12°182	-5	M	...	*	5°918	+57°942	1.60	49.9615	9.0	...	1°857	-22°592	-4	...	...
...	9°605	+7°286	-5	M	...	...	5°835	+23°583	-4	M	...	...	1°695	-34°699	-1	...	...
50I	-9°556	-7°490	-4	...	...	56I	-5°834	-55°697	-5	...	...	62I	-1°606	-0°947	-3	...	...
...	9°544	+17°486	0.90	50.9663	10.0	...	5°713	+25°789	-4	M	...	...	1°532	+54°927	-4	...	...
...	9°489	-47°998	-3	...	...	...	5°674	-23°527	-3	...	...	...	1°462	+4°123	-4	Mm	...
...	9°470	+23°465	-5	M	...	...	5°636	-54°869	-5	...	...	*	1°392	+46°572	1.30	50.9680	9.2
...	9°398	-45°821	-3	...	...	*	5°625	+46°437	1.00	50.9674	9.6	*	1°362	-54°514	1.00	51.9957	9.8
...	-9°308	+13°156	-5	M	...	...	-5°619	+1°223	0.85	50.9673	9.9	*	-1°359	-33°696	1.30	51.9958	9.4
...	9°249	-7°411	-3	...	...	*	5°569	-41°573	1.30	51.9952	9.2	...	1°326	-39°893	-5	p	...
...	9°229	-31°191	-1	...	...	...	5°560	-15°556	-4	...	...	*	1°148	-23°396	1.00	51.9959	9.6
...	9°185	-14°820	-4	...	...	...	5°556	-28°933	-3	...	...	...	1°039	-6°190	-3	...	...
...	9°177	-50°749	-4	...	...	...	5°508	-42°473	0.70	51.9953	10.0	...	0°993	-30°808	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
631-690						691-750						751-810					
63I	-0.927	+26.907	-5	Mm	...	69I	+3.350	+1.377	0.85	50.9685	10.0	75I	+6.899	-27.168	0.80	...	...
...	0.913	-25.381	-4	...	...	*	3.446	+21.997	1.00	50.9686	9.5	...	7.111	-10.085	0.75	...	...
...	0.896	-55.351	-3	...	...	...	3.509	-50.339	-4	...	...	...	7.361	+22.987	0.80	...	...
...	0.858	+2.132	-3	Bm	...	...	3.517	+49.138	-2	...	...	...	7.435	-2.808	-5	...	...
...	0.851	-21.932	-4	p	...	...	3.534	+56.814	-5	...	...	...	7.540	-34.501	-5	...	...
†	-0.826	-10.201	-2	51.9960	10.0	...	+3.558	-25.627	-4	...	...	...	+7.659	-25.279	-2	...	...
...	0.817	+8.387	-5	Mm	...	...	3.619	+10.382	-5	m	...	...	7.752	-52.819	0.90	51.9978	10.0
*	0.811	-42.539	0.90	51.9961	10.0	...	3.722	-13.055	0.85	51.9971	10.0	...	7.768	-14.371	0.70	...	...
...	0.805	-26.194	-3	...	...	...	3.756	-56.492	-1	...	...	†	7.800	+19.699	0.70	...	...
...	0.758	-0.263	-3	...	...	...	3.880	-16.365	-5	...	...	*	7.808	-16.676	0.90	51.9979	10.0
64I	-0.715	-24.406	-4	...	...	70I	+4.173	-22.368	0.65	...	...	76I	+7.858	+36.366	-5	m	...
...	0.699	-26.578	-4	...	...	...	4.184	-26.638	-3	...	...	...	7.879	+20.279	0.95	50.9693	9.9
*	0.517	+11.504	1.00	50.9681	9.6	...	4.236	-37.494	0.90	51.9972	9.8	...	7.913	+13.124	-3	...	...
...	0.417	+32.565	0.90	50.9682	9.9	...	4.315	-29.594	-2	...	...	...	7.940	-24.768	-2	...	...
...	0.378	-52.690	-4	...	...	...	4.356	+2.462	-4	...	...	...	8.080	-18.714	-5	p	...
...	-0.308	-7.007	-3	...	...	...	+4.475	+24.366	0.70	...	...	...	+8.157	+21.118	-5	m	...
...	0.239	-32.272	-3	...	...	...	4.508	+5.748	-5	m	...	...	8.397	-51.993	-2	...	...
...	0.211	-40.245	-4	...	...	...	4.567	-24.719	-5	...	...	*	8.403	-32.815	1.00	51.9980	9.3
†	0.062	-40.129	0.75	51.9962	10.0	...	4.650	-35.200	-3	...	...	...	8.533	+35.782	0.85	...	...
...	0.061	+21.006	-3	M	...	...	4.771	-14.555	-3	...	...	...	8.667	-19.954	-2	...	...
65I	-0.061	+11.103	0.80	50.9683	10.0	71I	+4.810	-6.845	-5	...	...	77I	+8.682	-58.332	-2	...	...
†	-0.023	-12.036	-4	...	...	*	4.814	-23.039	1.10	51.9973	9.0	...	8.822	+23.433	0.80	...	...
...	+0.176	-17.048	-2	...	...	...	4.825	-34.052	0.80	...	...	...	9.067	-11.549	0.85	51.9981	10.0
...	0.199	+15.720	-2	...	...	...	4.853	-9.615	-2	...	...	*	9.091	+20.927	1.20	50.9694	9.0
...	0.658	-58.928	-5	...	...	...	4.906	-8.270	-3	...	...	...	9.097	+26.658	0.70	...	...
...	+0.732	-4.838	-5	...	...	...	+4.930	-39.808	-3	...	...	...	+9.106	-17.228	0.70	...	...
...	0.804	-42.083	0.80	51.9963	10.0	†	4.998	-2.189	0.65	50.9687	10.0	...	9.361	+14.389	0.70	...	...
...	0.835	+39.042	-3	...	...	†	5.093	+6.370	0.75	50.9688	10.0	...	9.453	+7.808	-5	m	...
...	0.930	-18.415	-5	...	...	...	5.370	+8.445	-5	m	...	*	9.475	-21.235	1.00	51.9982	9.8
...	1.082	+11.185	0.70	...	...	...	5.371	-52.582	-5	...	...	...	9.495	-59.291	-3	...	...
66I	+1.112	-27.371	-5	...	...	72I	+5.404	+5.998	-5	m	...	78I	+9.693	+3.272	-5	m	...
...	1.199	-14.272	-5	...	...	...	5.492	-39.276	-3	...	...	...	9.891	-4.980	-5	...	...
...	1.210	+20.520	-3	M	...	*	5.510	-7.926	1.20	51.9975	9.2	†	9.909	-28.700	0.90	51.9983	9.8
...	1.286	-12.923	-3	...	...	*	5.516	-43.958	1.00	51.9974	9.6	...	9.914	+27.722	-3	...	...
...	1.342	+3.422	0.80	...	...	...	5.587	-49.339	-4	...	...	...	9.970	+10.713	-4	...	...
...	+1.416	-9.501	0.95	51.9964	9.8	...	+5.614	-36.093	-5	...	...	†	+9.975	-12.568	-5	...	...
...	1.430	-16.889	0.95	51.9965	9.8	...	5.617	+23.728	-5	m	...	...	10.157	-18.117	0.70	...	...
...	1.492	+36.956	-3	...	...	...	5.632	-21.084	-2	...	...	*	10.209	-41.050	0.90	51.9984	9.8
...	1.501	-46.070	-5	...	...	...	5.785	+7.005	0.80	50.9689	10.0	...	10.222	-10.698	-5	...	...
...	1.553	-49.508	0.90	51.9966	10.0	...	5.829	-13.673	-5	...	...	*	10.365	-31.734	1.00	51.9986	9.8
67I	+1.745	-12.856	1.00	51.9967	9.5	73I	+5.835	+37.305	0.70	...	...	79I	+10.371	-20.861	-5	...	...
...	1.781	+4.473	-5	Mm	...	...	5.877	+33.344	0.95	50.9691	9.8	*	10.414	-37.697	1.00	51.9985	9.6
...	1.871	-44.733	-2	...	...	*	5.956	+6.344	1.00	50.9690	9.5	...	10.457	+22.851	0.80	...	...
...	2.155	-13.745	-4	...	...	S *	5.960	+28.419	2.00	50.9692	8.4	N	10.753	-0.563	-4	...	...
...	2.195	-35.733	-5	...	...	...	5.996	+0.495	0.70	a	...	...	10.770	-35.830	-2	...	...
...	+2.209	+3.136	-5	Mm	...	...	+6.048	+20.252	-4	...	...	...	+10.830	-1.653	0.80	...	...
...	2.304	-35.867	-4	...	...	...	6.103	+29.922	-3	...	...	...	10.836	-21.449	0.80	...	...
...	2.353	-16.764	0.70	...	...	...	6.130	-19.065	-4	...	...	...	10.873	-53.606	0.95	51.9987	10.0
...	2.496	+18.433	-3	...	...	...	6.169	+20.418	-5	...	...	...	10.898	+43.989	0.85	...	...
...	2.542	-8.183	-5	p	...	...	6.233	+3.886	-3	...	...	...	11.010	-10.316	-3	...	...
68I	+2.695	-21.920	0.70	...	...	74I	+6.347	-19.519	-5	...	...	80I	+11.039	-3.957	1.00	51.9988	9.5
...	2.744	+28.173	-5	...	...	...	6.451	-45.302	-5	...	...	...	11.049	-21.007	0.65	...	...
...	2.870	-25.482	-5	p	...	...	6.456	-28.264	0.80	...	...	...	11.098	+28.794	-5	m	...
...	2.903	+4.939	-4	b	...	...	6.542	-2.283	-5	...	...	...	11.154	+20.328	0.90	...	...
...	2.904	+23.451	-5	...	...	...	6.676	-6.393	-5	...	...	...	11.209	-50.290	0.80	...	...
...	+2.987	+20.955	0.90	50.9684	9.9	S *	+6.714	-22.299	2.90	51.9976	7.9	...	+11.239	+42.092	-3	...	...
...	3.049	-58.638	1.00	51.9968	9.8	...	6.731	+40.119	-5	b	...	...	11.254	-3.148	0.70	...	...
*	3.062	-20.455	1.00	51.9970	9.4	...	6.732	-53.549	1.00	51.9977	9.6	...	11.361	+46.118	-3	...	...
*	3.065	-40.948	0.95	51.9969	9.8	...	6.804	+24.221	-3	...	...	...	11.363	-34.592	-3	...	...
...	3.273	+22.925	-5	...	...	...	6.898	-58.555	-1	...	...	*	11.399	+50.410	2.00	50.9695	8.9

794. Partly obscured by flaw.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
811-870						871-930						931-990					
811	+11°407	+5°447	-4	α	...	871	+16°307	+24°433	-3	...	...	931	+20°821	+22°924	1°40	50.9707	8.9
...	11°780	+41°272	0°85	...	...	...	16°504	+12°927	-4	...	...	*	20°879	+30°237	1°20	50.9708	9.2
...	11°833	+5°194	0°75	...	...	...	16°526	-40°350	-5	...	...	†	20°885	-45°070	-1	51.10004	10.0
S*	11°925	-41°671	1°30	51.9990	9.0	...	16°560	-31°200	-4	...	...	...	20°900	-38°861	-5	...	...
...	12°229	-15°759	0°80	...	...	...	16°577	-4°809	-4	...	...	...	20°977	-22°421	0°80	51.10003	10.0
...	+12°427	+26°679	-3	...	...	...	+16°691	-0°018	0°75	...	...	...	+21°066	-45°184	-3	...	...
...	12°490	+27°988	-5	...	...	...	16°824	-52°739	-3	...	...	*	21°227	-23°033	1°00	51.10005	9.8
...	12°513	-19°558	0°85	51.9991	9.8	...	17°022	+57°698	-3	...	...	...	21°248	+6°118	0°80	50.9710	10.0
*	12°527	-10°327	1°00	51.9992	9.5	...	17°184	-37°019	-3	...	...	...	21°327	-44°221	0°85	51.10006	10.0
†	12°550	+19°647	-5	m	...	...	17°292	-33°046	-4	...	...	†	21°352	+39°705	-4	...	...
821	...	...	...	...	...	881	...	...	...	...	...	941	...	...	...	...	...
...	+12°618	+33°295	-5	m	...	...	+17°336	-48°282	-5	...	...	...	+21°462	-17°632	-4	...	...
...	12°657	-29°920	-4	...	...	...	17°343	-48°607	-5	...	...	...	21°470	-33°811	-4	...	...
...	12°658	-55°495	-3	...	...	...	17°407	-24°956	0°80	...	...	...	21°585	-45°518	-3	...	...
...	12°669	-1°752	0°70	...	...	*	17°412	-3°285	1°40	51.9997	9.0	*	21°681	+16°054	1°90	50.9711	8.4
...	12°680	-48°265	-5	...	...	...	17°427	+40°588	0°85	50.9701	10.0	...	21°711	-18°021	0°65	...	...
...	+12°903	-12°954	-5	...	...	...	+17°464	+3°079	-5	m	...	...	+21°884	-9°098	-2	...	...
...	12°906	-29°548	-4	...	...	...	17°704	-34°786	-3	...	...	...	21°932	+55°438	-4	...	...
...	12°930	-21°348	0°70	...	...	...	17°949	-32°305	0°80	51.9998	10.0	*	22°029	-49°204	1°00	51.10007	9.8
...	13°173	+1°813	0°80	50.9696	10.0	...	18°065	-14°581	0°75	...	...	...	22°060	-30°645	-4	...	...
*	13°332	-15°012	1°15	51.9993	9.0	...	18°212	-44°954	-5	...	...	...	22°126	+9°522	-2	...	...
831	...	...	...	...	...	891	...	...	...	...	...	951	...	...	...	...	...
...	+13°619	-25°823	-4	...	...	...	+18°237	+21°204	-3	...	...	...	+22°203	-15°967	-3	...	...
...	13°637	+10°702	-5	m	...	...	18°294	+18°006	-3	...	...	...	22°236	-23°569	-3	...	...
...	13°754	-41°926	-5	...	...	*	18°450	+9°158	1°10	50.9702	9.6	...	22°253	-47°577	-5	...	...
...	13°884	-18°460	0°70	...	...	...	18°518	-51°705	-4	...	...	...	22°348	+4°824	-2	...	...
...	14°044	-37°946	0°80	51.9994	10.0	...	18°530	-10°001	-4	...	...	...	22°501	+7°174	-5	m	...
...	+14°060	+36°655	-5	...	...	...	+18°596	+16°815	0°90	50.9703	9.9	...	+22°595	-30°561	-1	...	...
...	14°125	-9°756	-5	p	...	...	18°653	-48°780	-4	...	...	...	22°639	-16°190	-5	...	...
...	14°266	+9°209	0°85	...	...	...	18°737	-7°992	-5	...	...	...	22°673	-55°974	-3	...	...
...	14°292	+49°979	-3	...	...	...	18°789	+28°898	-4	...	...	...	22°674	-9°962	-4	...	...
...	14°381	-49°069	-5	...	...	...	18°838	+5°335	-5	m	...	...	22°742	-5°776	0°75	...	...
841	...	...	...	...	...	901	...	...	...	...	...	961	...	...	...	...	...
...	+14°399	-1°567	0°95	50.9697	9.9	...	+18°862	+10°196	-4	...	...	*	+22°804	+22°949	1°80	50.9712	8.4
...	14°574	+10°160	0°70	...	...	...	18°994	-34°124	-1	...	...	...	22°811	-6°805	0°70	...	...
...	14°605	+24°147	-5	...	...	†	19°081	-60°041	1°50	51.9999	9.4	...	22°855	-33°920	-5	...	...
...	14°751	+53°872	-3	...	...	...	19°135	+5°674	-4	...	...	...	22°952	-19°212	-5	...	...
...	14°801	-16°414	-5	...	...	...	19°164	-36°503	-3	...	...	...	23°048	-50°628	-4	...	...
...	+14°873	+57°746	-4	...	...	...	+19°319	-28°091	-4	...	...	...	+23°120	-15°488	-5	...	...
†	15°077	+29°498	1°20	50.9698	9.0	...	19°481	+38°804	-5	m	...	...	23°242	-19°568	-5	...	...
†	15°134	-35°109	-5	...	...	...	19°508	+5°277	0°85	50.9704	10.0	...	23°492	+51°906	0°90	...	...
...	15°302	-54°470	-2	...	...	...	19°731	+31°652	-3	...	...	...	23°532	+42°512	-4	...	...
...	15°333	-2°438	-2	...	...	...	19°755	-27°495	-5	...	...	...	23°571	-22°067	-1	...	...
851	...	...	...	...	...	911	...	...	...	...	...	971	...	...	...	...	...
...	+15°350	+11°772	-4	...	...	†	+19°849	-41°991	-4	...	...	...	+23°603	-8°505	-5	...	...
...	15°364	-13°816	-3	...	...	...	19°851	-0°357	-3	...	...	...	23°631	+3°578	-5	m	...
...	15°449	+50°250	-4	...	...	...	19°912	+17°503	-2	...	...	...	23°693	-54°512	-5	p	...
...	15°511	-52°173	-5	p	...	...	19°933	+20°946	-4	...	...	...	23°699	+27°572	-3	...	...
...	15°556	-24°557	-3	...	...	†	19°974	+5°402	-4	...	...	...	23°768	-7°252	-4	...	...
...	+15°566	-56°043	-3	...	...	S†	+20°067	+52°506	2°50	50.9705	8.2	...	+23°807	-23°369	-5	p	...
...	15°575	-24°132	-4	...	...	...	20°122	-34°198	-5	...	...	...	23°935	-54°776	-5	...	...
...	15°622	-32°970	-5	...	...	...	20°159	-36°600	0°90	51.10000	10.0	...	23°937	-46°971	-1	...	...
*	15°681	+46°630	1°50	50.9699	9.0	...	20°301	-31°518	-3	...	...	*	24°268	-53°309	1°25	51.10008	9.4
*	15°718	+43°433	1°00	50.9700	9.6	...	20°414	+23°842	-4	a	...	...	24°271	-10°518	-4	...	...
861	...	...	...	...	...	921	...	...	...	...	...	981	...	...	...	...	...
...	+15°721	-10°429	-4	...	...	...	+20°458	-16°588	-5	...	...	...	+24°275	+47°859	-4	...	...
...	15°732	+12°560	-5	m	...	...	20°529	-8°530	0°90	51.10001	10.0	...	24°285	+26°508	-4	...	...
...	15°733	-11°741	-5	p	...	...	20°622	-35°655	-5	...	...	...	24°347	-10°643	-4	...	...
...	15°848	-33°674	-4	...	...	...	20°629	+35°054	0°80	...	...	...	24°362	-26°292	-3	...	...
*	15°936	-17°191	1°50	51.9996	9.0	...	20°636	-43°551	-4	...	...	...	24°432	-29°457	-5	...	...
...	+15°943	-7°402	-4	...	...	*	+20°641	+18°231	1°40	50.9706	9.0	...	+24°458	-42°927	-4	...	...
...	15°957	+45°439	-4	...	...	...	20°672	+31°574	-2	...	...	...	24°485	-5°553	-3	...	...
...	16°156	+47°779	-4	...	...	...	20°673	-12°440	0°70	51.10002	10.0	...	24°486	-28°498	-3	...	...
...	16°194	+6°756	-5	m	...	...	20°714	-45°889	-3	...	...	...	24°527	+23°861	-4	...	...
...	16°297	-13°101	-4	...	...	...	20°749	+6°203	0°75	50.9709	10.0	...	24°530	-18°382	0°75	51.10009	10.0

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
991-1050						1051-1110						1111-1170					
99I	+24'532	+33'044	-5	m	...	105I	+29'030	+14'912	-4	...	...	111I	+33'498	-59'512	-2	...	...
...	24'543	-53'247	-3	...	...	...	29'049	+15'187	-5	m	...	...	33'515	-17'291	-5	...	...
...	24'562	+38'615	-5	...	...	...	29'099	-53'464	-4	...	...	...	33'642	-28'205	-4	...	...
...	24'636	-27'028	0.80	5I.I0010	10.0	...	29'105	+18'209	-5	m	...	*	33'673	-46'029	1.00	5I.I0026	9.8
...	24'645	+34'081	-4	a	...	...	29'107	-48'396	0.90	5I.I0018	9.6	...	33'794	-44'846	-5	...	...
...	+24'678	-9'283	0.85	5I.I0011	10.0	...	+29'178	+22'835	-5	m	...	...	+33'917	+48'825	-4	...	...
...	24'690	+16'086	-4	...	...	...	29'210	+20'261	-3	...	...	...	33'917	+28'628	-5	m	...
*	24'740	+38'570	1.10	50.9713	9.5	...	29'224	-48'514	-3	...	...	...	33'930	+15'773	-5	m	...
...	24'860	+42'308	-5	...	...	...	29'418	-35'447	-5	...	...	...	33'960	+48'635	-4	...	...
*	24'896	+14'895	1.50	50.9714	8.8	*	29'465	-8'178	1.10	5I.I0019	9.4	...	34'034	+18'251	-5	m	...
100I	+25'046	-15'666	-3	...	...	106I	+29'485	+53'098	-3	...	...	112I	+34'082	+5'511	-5	m	...
...	25'190	+17'457	-3	...	...	...	29'710	+9'895	-5	m	...	...	34'089	+7'386	-5	...	...
*	25'219	+1'485	1.30	50.9715	9.1	*	29'767	+26'223	1.10	50.9721	9.5	...	34'468	-5'680	-5	...	...
...	25'227	-43'845	-5	...	...	...	29'820	-31'412	-3	...	...	...	34'546	+15'180	-4	a	...
...	25'252	-40'382	-3	...	...	...	29'858	-28'641	-3	...	...	...	34'575	-19'335	-3	...	...
...	+25'313	+43'972	-2	...	...	†	+29'861	-58'729	0.75	5I.I0020	10.0	...	+34'589	+13'596	-3	...	...
...	25'320	+7'004	-4	a	...	...	29'881	+5'633	-4	...	...	...	34'598	+13'682	-4	...	...
...	25'376	-14'940	-5	...	...	†	29'931	-19'603	-3	...	...	...	34'654	+0'583	-5	m	...
...	25'411	-30'712	-5	...	...	†	29'988	+23'281	-2	...	...	...	34'697	+59'402	-5	...	...
...	25'416	-11'170	-3	...	...	...	30'044	-44'731	0.90	5I.I0021	10.0	*	34'770	-56'005	1.80	5I.I0028	9.0
101I	+25'438	+26'820	-3	...	...	107I	+30'074	+0'030	0.70	a	...	113I	+34'772	+3'913	0.80	...	...
...	25'491	+29'475	-3	...	...	†	30'077	+59'488	0.95	49.9645	9.6	*	34'894	+14'788	1.00	50.9726	9.4
...	25'534	+17'328	-5	...	...	...	30'174	-49'587	1.05	5I.I0022	9.8	...	34'900	-55'773	-4	...	...
...	25'585	-47'868	-4	...	...	...	30'202	-12'643	-5	...	...	...	34'958	+44'434	-2	...	...
...	25'592	-39'499	-3	...	...	...	30'320	+50'768	-3	...	...	...	35'098	-34'928	0.95	5I.I0029	10.0
*	+25'847	-18'192	1.30	5I.I0012	9.2	...	+30'358	+29'919	-3	...	...	...	+35'140	+10'618	-5	...	...
...	25'876	+58'662	0.90	49.9641	9.8	...	30'382	-18'019	0.80	...	...	...	35'141	+11'621	-5	m	...
*	25'892	-16'917	1.00	5I.I0013	9.8	...	30'483	+51'830	-3	...	...	...	35'314	-47'886	1.00	5I.I0031	10.0
...	25'923	-12'949	-5	...	...	...	30'489	-42'488	-5	...	...	*	35'385	-10'343	1.90	5I.I0030	8.8
...	25'934	-37'945	-4	...	...	...	30'716	-22'336	0.70	...	...	*	35'482	-50'478	1.15	5I.I0033	9.5
102I	+25'982	+44'921	-5	m	...	108I	+30'743	-42'502	-5	...	...	114I	+35'674	-43'776	-5	...	...
...	26'064	-13'334	-3	...	...	...	30'770	+7'838	-4	...	...	...	35'696	-42'175	-4	...	...
...	26'533	+13'992	-2	...	...	...	30'817	-57'701	-4	...	...	*	35'760	-6'398	1.90	5I.I0032	8.6
...	26'536	-22'179	-3	...	...	...	30'906	-31'779	-5	...	...	...	35'857	-41'516	-3	...	...
...	26'585	+38'685	-4	...	...	...	30'955	+12'881	-3	...	...	...	35'903	-15'901	-3	...	...
...	+26'667	+30'301	-3	...	...	...	+31'206	-49'154	-5	...	...	...	+36'040	-18'294	-5	...	...
...	26'711	-52'880	-4	...	...	*	31'321	-32'971	1.60	5I.I0023	8.6	...	36'058	-6'658	-5	...	...
...	26'711	+15'226	-5	m	...	...	31'323	+32'100	-1	...	...	...	36'116	+15'678	0.85	...	...
...	26'783	-4'778	-4	...	...	...	31'462	-1'490	0.90	50.9722	9.8	...	36'144	-20'943	-5	...	...
*	26'799	+2'578	1.70	50.9716	8.6	...	31'565	+0'541	0.90	50.9723	9.8	...	36'226	-56'719	-5	...	...
103I	+27'234	+1'093	0.90	50.9717	9.8	109I	+31'575	+26'904	-5	m	...	115I	+36'288	-21'209	-5	...	...
...	27'349	+2'630	-5	m	...	...	31'591	-42'151	-2	...	...	...	36'396	-20'424	-3	...	...
*	27'494	-43'300	1.10	5I.I0014	9.4	...	31'934	-42'926	-5	...	...	...	36'435	-42'331	-3	...	...
...	27'537	+12'683	-5	m	...	...	32'108	+3'843	0.80	...	...	...	36'459	-36'367	-5	...	...
...	27'619	+6'679	-4	m	...	...	32'235	-20'098	-5	...	...	...	36'517	+11'166	-5	m	...
...	+27'627	-14'592	-3	...	...	...	+32'263	+3'998	-5	...	...	...	+36'558	-4'501	-3	...	...
...	27'652	-30'060	-4	...	...	...	32'301	+21'510	-4	...	...	...	36'567	-6'409	0.75	...	...
...	27'685	+53'830	0.70	50.9718	10.0	...	32'488	-0'806	0.70	...	...	...	36'647	+26'682	-5	...	...
...	27'794	-41'850	-3	...	...	*	32'573	+22'718	1.20	50.9724	9.3	...	36'740	+21'126	-3	a	...
...	27'801	-26'273	0.90	5I.I0015	9.8	*	32'710	-20'669	1.00	5I.I0024	9.8	...	36'876	-50'792	0.90	5I.I0034	10.0
104I	+27'823	-37'284	0.95	5I.I0016	9.8	110I	+32'827	-10'674	0.95	5I.I0025	9.6	116I	+36'889	+52'994	-1	50.9727	10.0
*	27'881	-21'810	-5	...	...	*	32'893	+32'229	-5	...	...	...	36'889	-21'874	-4	...	...
...	28'050	-53'941	-5	p	...	...	32'908	+10'079	0.95	50.9725	9.8	...	36'895	-50'946	-5	...	...
...	28'218	+49'406	-5	m	...	...	32'989	+15'856	-3	...	...	...	36'926	+19'237	-2	...	...
...	28'218	-47'024	-5	p	...	...	33'023	+8'027	-4	...	...	*	36'954	-54'862	1.80	5I.I0035	9.0
*	+28'243	+36'644	1.10	50.9719	9.6	...	+33'091	+31'266	-5	...	...	...	+37'100	-14'507	-5	...	...
*	28'470	-55'291	1.10	5I.I0017	9.6	...	33'206	-25'408	0.70	...	...	...	37'103	+27'187	1.00	50.9728	10.0
*	28'637	+40'106	1.90	50.9720	8.4	...	33'269	-5'389	0.75	...	...	...	37'110	+15'852	-5	m	...
...	28'803	-50'374	-5	...	...	...	33'342	+0'420	-5	...	...	...	37'125	-28'345	-5	...	...
...	28'998	-4'946	-5	p	...	...	33'362	+42'067	-2	...	...	...	37'153	-13'013	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1171-1230						1231-1290						1291-1350					
II7I	...	...	...	...	...	I23I	...	...	...	...	...	I29I	...	...	...	...	...
...	+37°378	+8°203	0.95	50.9729	9.8	...	+42°281	-21°073	1.00	51.10041	9.3	...	+47°314	-28°971	-2	...	...
...	37°407	-39°510	-5	...	...	...	42°285	-2°726	1.00	50.9740	9.6	...	47°323	-57°161	-5	p	...
...	37°527	-55°482	-3	...	...	...	42°360	+30°456	1.70	50.9738	9.0	...	47°344	+20°162	1.40	50.9745	9.2
*	37°655	+20°355	1.10	50.9730	9.4	...	42°459	+10°776	-3	...	...	...	47°516	+6°058	-2	...	...
...	37°673	-33°377	-5	...	...	...	42°563	-7°927	0.65	...	...	...	47°737	-33°136	-5	p	...
...	+37°737	-10°616	-5	...	...	...	+42°781	+54°393	1.00	50.9739	9.8	...	+47°861	-56°755	-3	...	...
...	37°811	-20°328	0.75	51.10036	10.0	...	42°809	+31°435	-3	...	...	...	47°892	-0°848	-4	...	...
...	37°862	-17°355	-4	...	...	†	42°852	-35°141	-3	...	...	...	47°939	-33°952	-5	p	...
...	38°026	+57°941	-1	49.9652	10.0	...	42°916	+48°142	-5	...	...	...	47°968	-23°033	-4	...	...
...	38°039	-16°302	-1	...	...	...	42°943	+2°341	-5	m	...	...	47°973	-14°692	-1	...	...
II8I	...	...	...	...	...	I24I	...	...	...	...	...	I30I	...	...	...	...	...
...	+38°291	-7°890	0.75	...	...	...	+43°038	+20°806	1.15	50.9741	9.2	...	+48°030	+17°500	-2	...	...
...	38°307	+24°237	-5	m	...	...	43°038	+20°059	-5	m	...	...	48°067	-44°036	0.90	51.10053	10.0
...	38°438	-9°872	-5	...	...	...	43°085	+39°839	-3	...	...	*	48°180	-38°499	0.90	51.10052	9.8
...	38°475	+48°359	1.00	50.9732	9.8	...	43°136	+5°358	-3	...	...	...	48°233	-26°728	-1	...	...
*	38°582	+55°617	3.00	50.9731	7.9	...	43°159	+0°684	0.70	...	...	...	48°261	+37°267	-4	b	...
...	+38°592	+23°054	-5	m	...	...	+43°167	-33°577	0.90	51.10043	10.0	...	+48°271	+43°137	-5	m	...
...	38°635	-35°117	-5	...	...	...	43°170	+3°603	-5	m	...	...	48°284	+33°439	-3	a	...
...	38°655	-5°520	-5	...	...	...	43°222	+44°131	-3	...	...	...	48°359	-27°041	-4	p	...
...	38°681	-10°338	-2	...	...	...	43°321	-47°863	-3	...	...	...	48°543	-52°900	-4	...	...
...	38°767	-23°898	-5	...	...	...	43°325	+29°992	-5	m	...	*	48°581	-3°451	1.00	51.10051	9.8
II9I	...	...	...	...	...	I25I	...	...	...	...	...	I31I	...	...	...	...	...
...	+38°898	-37°119	-5	...	...	...	+43°331	+36°342	1.00	50.9742	9.8	...	+48°641	+34°717	-3	...	...
*	38°960	+7°030	1.00	50.9733	9.4	...	43°381	-31°881	-3	...	...	...	48°683	+58°894	-3	...	...
...	39°003	+15°809	0.85	...	...	...	43°438	-54°517	-5	...	...	...	48°768	+20°221	-5	m	...
...	39°181	-56°373	-4	...	...	...	43°493	+28°452	-2	...	...	...	48°837	+57°952	-4	a	...
...	39°256	-59°160	-5	...	...	...	43°521	-34°360	-3	...	...	...	48°892	+28°880	-3	...	...
...	+39°267	+11°980	-5	m	...	...	+43°526	-56°052	-2	...	...	...	+49°204	-28°318	-3	...	...
S *	39°335	-22°322	2.75	51.10037	7.9	...	43°585	+37°039	-1	...	...	...	49°262	+25°562	-5	m	...
...	39°343	+40°294	-5	...	...	...	43°678	+29°798	-3	...	...	*	49°487	+1°656	1.10	50.9746	9.8
...	39°433	-59°987	-4	...	...	...	43°919	-16°293	0.85	51.10044	10.0	*	49°598	-5°212	1.00	51.10054	10.0
...	39°479	-42°570	-3	...	...	...	44°083	-47°453	-5	...	...	...	49°631	+58°920	-5	m	...
I20I	...	...	...	...	...	I26I	...	...	...	...	...	I32I	...	...	...	...	...
...	+39°534	+10°013	0.90	...	...	...	+44°089	-56°553	1.20	51.10045	9.6	...	+49°718	-38°626	-5	...	...
...	39°816	+6°394	-2	...	...	...	44°292	-26°998	-4	...	...	...	49°789	-15°547	-4	...	...
...	39°907	+41°317	-1	50.9734	10.0	...	44°357	+33°172	-3	...	...	...	49°792	+16°841	-3	...	...
N	40°082	-55°835	-5	p	...	...	44°360	-45°364	-2	51.10046	10.0	...	49°922	-50°885	-5	p	...
...	40°096	-31°449	-5	p	...	...	44°420	-32°488	-5	p	...	...	50°114	+10°092	-3	...	...
...	+40°142	-41°385	-1	51.10038	10.0	...	+44°440	-7°010	-5	...	...	...	+50°137	+4°877	-2	...	...
*	40°347	+10°001	1.10	50.9735	9.3	...	44°574	-53°411	-5	...	...	...	50°192	+22°709	-4	a	...
*	40°419	+8°613	1.20	50.9736	9.2	...	44°661	+35°433	-3	...	...	...	50°206	-30°736	-4	...	...
...	40°491	-39°489	0.70	...	...	†	44°785	-48°498	1.00	51.10047	9.8	...	50°336	-5°588	-5	p	...
...	40°672	+10°037	-5	m	...	†	44°793	-26°403	-3	...	...	*	50°357	+28°049	1.20	50.9747	9.7
I21I	...	...	...	...	...	I27I	...	...	...	...	...	I33I	...	...	...	...	...
...	+40°711	+0°023	-5	m	...	...	+44°897	-32°720	-3	...	...	...	+50°412	+32°199	-4	...	...
...	40°726	-47°125	-5	...	...	...	45°006	-22°021	-2	...	...	...	50°490	-18°611	-4	...	...
...	40°732	-33°854	-3	...	...	...	45°129	+26°617	-5	m	...	...	50°505	+28°707	-3	...	...
...	40°734	-34°470	0.75	...	...	...	45°166	-47°712	1.00	51.10048	9.8	...	50°618	+40°228	-3	...	...
...	40°747	+4°787	-5	m	...	...	45°475	+31°991	-5	m	...	...	50°797	-56°194	-2	e	...
...	+40°787	-14°935	-5	...	...	...	+45°666	-8°687	-4	...	...	...	+51°070	-42°014	-5	...	...
...	40°844	+26°905	-5	...	...	...	45°877	+29°402	-1	...	...	...	51°097	-15°839	-3	...	...
...	40°914	-25°950	0.95	51.10039	10.0	...	45°956	-43°024	-5	p	...	...	51°143	-54°442	-3	e	...
...	40°952	-28°401	-5	...	...	...	45°977	-6°871	-4	...	...	...	51°174	-51°118	-2	e	...
...	41°018	+5°588	-5	m	...	...	46°371	-50°235	-2	...	...	...	51°174	-42°256	-5	p	...
I22I	...	...	...	...	...	I28I	...	...	...	...	...	I34I	...	...	...	...	...
...	+41°342	+40°605	-2	50.9737	10.0	...	+46°423	-18°209	-5	p	...	...	+51°202	-13°871	-5	p	...
...	41°453	-39°814	-5	...	...	...	46°866	-37°906	-3	...	...	*	51°265	+58°118	3.00	49.9670	8.2
...	41°556	-7°933	-5	...	...	...	46°931	-1°127	-2	...	...	...	51°467	+45°093	-2	...	...
...	41°726	+21°403	-2	...	...	*	47°016	+24°924	1.60	50.9743	8.9	e	51°508	-46°767	-3	51.10055	10.0
...	41°805	-43°721	2.00	51.10040	8.7	...	47°022	+14°578	0.90	50.9744	9.8	...	51°564	+59°097	-2	49.9671	9.9
...	+41°834	-37°886	0.80	...	...	...	+47°033	-45°731	0.95	51.10049	9.8	...	+51°845	-11°205	0.90	...	...
...	41°879	+9°427	-2	...	...	...	47°080	-44°356	-3	...	...	*	52°064	+37°139	1.40	50.9748	9.4
...	42°058	-53°302	1.00	51.10042	10.0	...	47°193	-49°696	-5	...	...	...	52°196	-33°463	-3	e	...
...	42°180	+7°771	-3	...	...	...	47°221	-13°674	-5	p	...	...	52°217	+30°130	0.90	50.9749	10.0
...	42°264	-12°748	0.70	...	...	...	47°305	-29°406	-5	...	...	...	52°344	-38°532	-2	e	...

1204. Partly obscured by fault.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1351-1390						1391-1430						1431-1447					
I35I	+52.400	+27.073	-5	<i>m</i>	...	I39I	+55.694	-2.144	-3	<i>e</i>	...	I43I	+58.346	-34.918	-3	<i>e</i>	...
...	52.449	+10.297	-4	<i>b</i>	...	...	55.697	+36.235	-5	<i>e</i>	...	...	58.368	+22.621	-5	<i>e</i>	...
...	52.544	-30.699	-4	<i>e</i>	...	...	55.706	+11.180	-1	...	...	...	58.402	-31.523	-5	<i>e</i>	...
...	52.713	+29.299	-4	<i>b</i>	...	...	55.730	+22.204	-2	...	...	...	58.446	+11.335	-3	<i>e</i>	...
...	52.730	-1.579	-4	...	...	...	55.767	+2.645	-5	<i>e</i>	...	<i>e</i> *	58.532	-30.780	0.95	5I.10062	10.0
...	+52.733	-17.276	-2	<i>e</i>	...	...	+55.826	-4.496	0.75	<i>e</i>	...	...	+58.541	-29.642	-5	<i>e</i>	...
...	52.736	-0.388	-3	...	...	...	55.854	+2.289	-5	<i>e</i>	...	...	58.649	+7.235	-4	<i>e</i>	...
...	52.779	-6.011	-4	...	...	...	55.937	+28.725	-5	<i>e</i>	...	...	58.735	+7.292	-4	<i>e</i>	...
...	52.898	+38.877	0.90	50.9750	10.0	...	55.954	+57.304	-3	...	...	...	58.898	+53.182	-5	...	...
...	52.930	+45.175	-2	...	...	...	55.986	+32.338	-4	<i>e</i>	...	...	59.063	-33.824	-5	<i>e</i>	...
I36I	+53.145	+24.188	-2	...	...	I40I	+56.099	+24.615	-4	...	...	I44I	+59.155	-59.329	-5	<i>e</i>	...
...	53.184	+5.256	-4	<i>b</i>	...	...	56.274	-13.429	-3	<i>e</i>	...	...	59.425	-14.825	-4	<i>e</i>	...
...	53.391	+29.311	-3	...	...	<i>e</i>	56.406	-54.263	0.90	5I.10059	10.0	...	59.465	-2.696	-4	<i>e</i>	...
...	53.604	-9.411	-4	<i>e</i>	...	...	56.481	+26.164	-5	<i>e</i>	...	...	59.468	-58.990	-4	<i>e</i>	...
<i>e</i>	53.651	-40.440	0.90	5I.10057	10.0	...	56.572	-49.842	-5	<i>e</i>	...	...	59.568	+17.905	-3	...	...
<i>e</i> *	+53.916	-17.472	1.00	5I.10056	10.0	...	+56.578	+4.201	-1	...	...	...	+59.825	+29.618	-4	...	...
...	54.035	-1.420	-5	<i>e</i>	...	...	56.585	+51.743	-3	...	...	...	59.876	+52.608	-5	...	...
...	54.119	-58.639	-2	<i>e</i>	...	...	56.604	-56.412	-5	<i>e</i>	...	...					
...	54.138	+34.018	0.95	50.9751	9.9	...	56.723	-50.785	-2	<i>e</i>	...	...					
...	54.202	-23.019	-5	<i>e</i>	...	...	56.745	-16.348	-4	<i>e</i>	...	...					
I37I	+54.208	-31.899	-3	<i>e</i>	...	I41I	+56.762	-48.174	-1	5I.10060	10.0						
...	54.232	-10.484	-4	<i>e</i>	...	...	56.790	-16.487	-4	<i>e</i>	...	...					
...	54.284	+23.956	-3	...	...	...	56.813	-29.837	-2	<i>e</i>	...	...					
...	54.284	-6.918	-1	<i>e</i>	...	...	56.852	-30.722	0.90	<i>e</i>	...	...					
+	54.354	+29.579	0.90	50.9752	10.0	...	56.854	-25.953	-3	<i>e</i>	...	...					
+	+54.500	+31.125	2.40	50.9753	8.7	...	+56.892	-16.850	0.90	<i>e</i>	...	...					
...	54.689	-51.647	-3	<i>e</i>	...	...	56.934	-2.356	-3	<i>e</i>	...	...					
N	54.765	+7.605	-4	<i>e</i>	...	...	57.440	-27.757	-3	<i>e</i>	...	...					
...	54.846	+19.016	-4	<i>e</i>	...	...	57.516	-53.666	-2	<i>e</i>	...	...					
+	54.922	-40.175	-5	<i>e</i>	...	...	57.537	-23.043	-5	<i>e</i>	...	...					
I38I	+54.943	-51.568	-5	<i>e</i>	...	I42I	+57.555	+41.949	-5	<i>e</i>	...						
<i>e</i> *	54.980	-44.372	1.20	5I.10058	9.8	...	57.859	+39.802	-5	<i>e</i>	...	...					
...	55.069	-12.480	-3	<i>e</i>	...	...	57.900	-52.304	-5	<i>e</i>	...	...					
...	55.074	+18.466	-4	<i>e</i>	...	...	57.918	+55.668	-4	...	...	...					
...	55.128	-20.701	-1	<i>e</i>	...	...	57.949	-31.334	-5	<i>e</i>	...	...					
...	+55.151	-6.228	-4	<i>e</i>	...	...	+58.106	-32.070	-3	<i>e</i>	...	...					
...	55.280	-9.195	-4	<i>e</i>	...	...	58.141	+28.004	1.00	...	...	...					
...	55.360	-24.293	-4	<i>e</i>	...	<i>e</i> *	58.168	-44.732	2.40	5I.10061	8.4	...					
...	55.440	-14.531	-3	<i>e</i>	...	...	58.186	+38.681	-4	...	...	...					
...	55.624	-0.642	-3	<i>e</i>	...	...	58.325	+25.528	1.20	50.9754	9.8	...					

1378. Very faint and diffused.

1-10						11-20						21-30					
I	-60.223	-56.396	-1	<i>E</i>	...	II	-59.895	-17.423	0.75	<i>E</i>	...	2I	-59.253	+18.918	-3	<i>E</i>	...
+	60.164	+29.449	1.00	50.9752	10.0	...	59.760	-33.621	-3	<i>E</i>	...	...	59.231	-1.530	-5	<i>E</i>	...
...	60.104	+30.994	2.00	50.9753	8.9	...	59.723	+57.206	-1	...	...	...	59.132	-56.752	-5	...	...
...	60.101	+32.629	-5	<i>M</i>	...	...	59.702	-1.343	-5	...	...	...	59.121	+36.152	-2	<i>E</i>	...
...	60.079	+51.713	-5	<i>M</i>	...	...	59.527	+38.597	-5	<i>M</i>	...	...	59.079	-6.318	-5	...	...
...	-60.045	-51.308	-1	<i>E</i>	...	...	-59.517	-30.850	-4	<i>E</i>	...	...	-58.999	+18.377	-3	<i>E</i>	...
...	60.017	+23.833	-2	...	...	...	59.498	+32.860	-3	<i>B</i>	...	...	58.885	+7.514	-5	<i>E</i>	...
...	60.004	-48.738	-5	...	...	...	59.422	-38.689	-3	<i>E</i>	...	...	58.849	+51.688	-1	...	...
...	59.954	-54.640	-4	<i>E</i>	...	...	59.349	-9.535	-5	<i>E</i>	...	...	58.775	+1.314	-5	<i>M</i>	...
E	59.900	-46.942	-3	5I.10055	10.0	...	59.259	-45.409	-5	...	...	...	58.759	-7.010	0.85	<i>E</i>	...

L measured from I, 213, 426, 622, 792, 988, 1129, 1289, 1425, 1622, 1809, 1961.

C " " 101, 319, 515, 710, 893, 1067, 1198, 1354, 1528, 1708, 1872, 2044.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	z.	y.		No.	Mag.		z.	y.		No.	Mag.		z.	y.		No.	Mag.
31-90						91-150						151-210					
3I	—58°755	+35°017	—5	M	...	9I	—55°800	+28°617	—5	M	...	15I	—53°060	+13°565	—4	M	...
E *	58°696	—17°573	1°00	51.10056	10·0	...	55°785	+47°678	—3	B	...	...	53°054	—51°569	—5	...	...
...	58°678	—10°580	—3	E	...	...	55°744	—16°836	1°00	E	...	...	53°040	—1°179	—2	...	...
...	58°658	+32°265	—3	E	...	...	55°738	—23°506	—5	...	...	...	52°977	+49°588	1°00	...	...
...	58°550	+28°643	—4	E	...	...	55°714	—32°301	—5	p	...	...	52°902	—2°403	—5	...	...
...	—58°517	+22°137	0°90	...	...	...	—55°655	+36°068	—5	M	...	...	—52°859	—33°704	—5	E	...
...	58°333	+40°703	—5	M	...	...	55°627	+52°677	—3	...	...	...	52°804	+21°888	—5	M	...
...	58°241	+24°563	0·85	...	...	...	55°417	—25°930	0°70	E	...	...	52°720	+18°330	0°75	...	...
...	58°174	—23°098	—5	E	...	†	55°339	+11°393	—5	E	...	*	52°572	+11°894	1°10	50.9757	9·8
...	58°077	+11°121	0·80	...	...	†	55°301	—29°807	0·85	E	...	...	52°444	—18°525	—5	...	...
4I	...	...	...	...	...	10I	...	...	...	...	...	16I	...	...	...	...	...
E *	—58°058	+3°765	—5	M	...	†	—55°215	—30°686	0°90	E	...	...	—52°404	+22°509	—5	M	...
...	58°017	—40°541	1°00	51.10057	10·0	...	55°007	—34°418	—5	...	...	*	52°378	—2°425	1°00	50.9755	10·0
...	57°928	—6°295	—2	E	...	...	54°971	+7°302	—4	E	...	...	52°355	+14°530	0°90	...	...
...	57°921	+26°121	—5	E	...	...	54°889	+7°363	—3	E	...	...	52°349	—27°447	—3	...	...
...	57°914	+4°502	—5	M	...	...	54°853	—22°986	—4	E	...	...	52°235	+44°982	—3	B	...
...	—57°875	+34°306	—3	B	...	...	—54°822	+8°431	—5	M	...	...	—52°189	+10°527	—2	A	...
...	57°818	—31°973	0·85	E	...	...	54°742	—27°707	—3	E	...	...	52°104	+46°950	—5	M	...
...	57°807	+8°324	—5	M	...	...	54°726	+29°712	—2	...	...	†	51°820	—45°008	—4	...	...
...	57°743	—12°540	—2	E	...	...	54°708	—49°792	—4	E	...	...	51°816	+23°878	—4	M	...
...	57°741	—11°235	—5	p	...	...	54°698	—13°751	—4	...	...	...	51°746	+29°439	—4	M	...
5I	...	...	...	...	...	11I	...	...	...	...	...	17I	...	...	...	...	...
...	—57°695	—30°293	—5	...	...	E	—54°687	—54°233	1°15	51.10059	10·0	...	—51°737	+9°400	—4	M	...
...	57°689	+55°667	—1	...	...	E	54°599	—48°125	1°10	51.10060	10·0	...	51°723	—59°188	—4	E	...
...	57°685	—0°689	—2	E	...	...	54°538	—50°739	0°95	E	...	...	51°600	+43°909	—5	M	...
...	57°672	—9°253	—3	E	...	...	54°516	+18°017	0·80	...	...	...	51°533	+33°920	—5	M	...
...	57°662	+2°587	—4	E	...	...	54°440	+58°161	—5	M	...	...	51°499	+31°640	1°00	...	...
...	—57°550	+53°222	—5	M	...	...	—54°425	—56°371	—3	E	...	...	—51°483	+27°374	—3	M	...
...	57°545	—2°186	0°70	E	...	...	54°424	—39°019	—5	...	...	...	51°463	—50°070	—5	p	...
...	57°541	+2°242	—5	E	...	...	54°337	—43°327	—5	...	...	...	51°448	—58°825	—2	E	...
...	57°504	+26°958	—5	M	...	...	54°278	+10°458	—5	M	...	...	51°447	+22°529	0°75	...	...
...	57°497	+41°944	—3	E	...	...	54°274	—18°775	—5	...	...	...	51°445	+40°228	—4	M	...
6I	...	...	...	...	...	12I	...	...	...	...	...	18I	...	...	...	...	...
...	—57°473	—53°145	—5	...	...	...	—54°261	+58°713	—5	M	...	...	—51°435	—35°398	—3	...	...
...	57°465	+27°601	—5	M	...	...	54°249	+42°497	—5	M	...	...	51°430	—11°291	—3	...	...
...	57°414	—18°342	—5	...	...	*	54°196	+56°956	1°50	49.9676	9·5	...	51°405	—21°364	—5	...	...
...	57°394	—27°007	—3	...	...	...	54°085	—31°247	—4	E	...	...	51°392	—45°869	0°75	...	...
...	57°352	—20°749	0°90	E	...	†	54°037	+49°739	—4	M	...	...	51°298	+13°138	—5	M	...
...	—57°302	—4°526	0°90	E	...	†	—53°943	—25°082	—4	...	...	...	—51°269	—29°130	—5	...	...
...	57°286	—14°569	0·65	E	...	...	53°913	—31°989	—1	E	...	...	51°242	—2°908	—2	...	...
†	57°084	+39°816	—4	E	...	...	53°805	+52°953	—5	M	...	...	51°241	+47°003	—5	M	...
...	57°078	—6°581	—5	...	...	...	53°761	—2°584	—3	E	...	...	51°184	+51°467	—5	M	...
...	56°996	+16°233	—5	M	...	...	53°724	—42°194	—5	p	...	...	51°179	—46°401	0·85	...	...
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
...	—56°977	—24°328	—4	E	...	...	—53°720	—14°366	—5	...	...	...	—51°146	+24°945	0°75	...	...
...	56°931	+4°185	0°75	...	...	...	53°652	+0°388	—4	M	...	...	51°082	—3°518	—2	...	...
...	56°804	—58°700	—1	E	...	...	53°635	—26°195	—5	p	...	...	51°014	—42°783	—4	...	...
...	56°747	—40°223	—3	E	...	...	53°634	—31°427	—1	E	...	...	50°950	—54°781	—3	...	...
...	56°719	+38°701	—2	...	...	...	53°623	+37°842	—5	M	...	...	50°909	+7°760	—5	M	...
...	—56°659	+12°065	—5	M	...	*	—53°616	—53°578	1°05	E	...	...	—50°873	—11°600	—3	...	...
...	56°599	+53°206	—3	...	...	...	53°567	—29°560	—4	E	...	...	50°853	+7°182	—4	M	...
E *	56°529	—44°404	1°00	51.10058	9·8	...	53°541	—36°977	—5	...	...	...	50°841	+20°976	—5	M	...
...	56°520	+32°037	—5	M	...	E *	53°538	—30°673	1°00	51.10062	10·0	...	50°815	—35°870	0°95	...	...
...	56°514	—51°680	—3	E	...	...	53°538	—34°819	0°70	E	...	...	50°810	—53°206	—4	...	...
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
...	—56°504	—13°439	0°70	E	...	...	—53°534	+58°927	—5	M	...	*	—50°789	+0°319	1°60	50.9758	8·8
*	56°333	+28°026	1°00	...	...	...	53°446	+36°696	—4	M	...	...	50°682	—54°816	—5	...	...
...	56°314	—8°359	—5	...	...	...	53°406	—33°790	—5	...	...	...	50°673	+15°797	—5	M	...
...	56°301	—2°351	0°70	E	...	...	53°360	+4°495	0·65	...	...	*	50°651	—30°495	1°00	...	...
...	56°268	—51°600	—4	E	...	E *	53°317	—44°622	2°20	51.10061	8·4	*	50°634	—12°724	1°15	51.10064	9·8
...	—56°038	+0°233	—4	M	...	...	—53°303	—14°703	—4	E	...	*	—50°617	+34°369	1°20	50.9759	9·4
*	56°036	+25°565	1°05	50.9754	9·8	...	53°287	+37°737	—4	M	...	...	50°582	—28°602	—4	...	...
...	55°916	—16°335	—3	E	...	...	53°270	—52°208	—4	E	...	...	50°530	+13°293	—4	M	...
...	55°875	+22°664	—2	E	...	...	53°181	+13°237	—5	M	...	*	50°451	—25°195	1°00	51.10063	10·0
...	55°868	—16°475	—5	E	...	S *	53°118	+28°761	4°80	50.9756	7·1	...	50°435	—37°315	—3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
211-270						271-330						331-390					
21I						27I						33I					
...	-50.401	-1.902	-3	...	...	...	-47.496	+33.805	-2	A	...	...	-44.744	-1.570	-3	...	...
†	50.289	-33.250	-5	...	...	...	47.427	-11.377	-3	...	...	*	44.722	+0.035	1.00	...	...
...	50.195	-1.072	-5	...	...	...	47.285	-5.322	0.75	...	...	...	44.688	-48.230	-5	...	...
...	50.146	+55.689	-5	M	...	...	47.246	-48.594	-5	...	...	...	44.669	+58.311	1.00	...	...
...	50.029	+26.494	-5	M	...	...	47.190	+18.554	-4	M	...	...	44.656	+18.502	-4	M	...
...	-50.016	+3.257	-5	M	...	...	-47.176	-8.210	-5	p	...	...	-44.491	-28.529	-4	...	...
...	50.007	+19.468	0.65	...	...	...	47.087	-21.565	-5	...	...	...	44.388	-51.540	-5	...	...
...	49.992	-20.233	-2	...	...	...	47.069	+10.217	-5	M	...	...	44.258	-29.629	-4	...	...
*	49.990	+13.844	1.00	...	...	...	47.045	-38.662	0.90	...	...	...	44.203	+58.771	1.00	...	...
...	49.832	+19.587	1.00	...	...	...	46.998	+14.651	0.70	A	...	*	44.144	-8.205	1.00	51.10071	10.0
22I						28I						34I					
...	-49.759	-9.743	-5	p	...	...	-46.855	-27.329	-3	...	...	...	-44.107	+41.455	-5	M	...
...	49.747	-26.572	-3	...	...	*	46.806	-41.399	1.00	51.10066	9.4	...	44.082	+12.658	-5	M	...
...	49.744	-7.197	-5	...	...	...	46.801	+29.977	-5	M	...	...	44.053	-59.517	-4	...	...
...	49.739	+13.407	-5	M	...	...	46.741	-49.173	0.80	...	...	...	44.007	-9.953	0.70	...	...
...	49.702	-37.279	-5	...	...	*	46.727	+26.783	1.05	50.9761	9.5	...	43.897	+42.374	-5	M	...
...	-49.701	-24.357	-2	...	...	...	-46.707	+24.398	0.90	...	...	...	-43.820	+43.014	0.75	...	...
...	49.698	+2.903	-2	...	...	*	46.706	-8.939	1.10	51.10069	9.5	...	43.728	+2.162	-1	...	...
†	49.692	-30.072	-4	...	...	...	46.692	+34.021	-2	A	...	*	43.700	-5.911	1.05	51.10072	9.8
...	49.677	+12.522	0.85	...	...	*	46.667	-15.534	1.00	51.10068	9.8	†	43.700	-54.907	-5	...	...
...	49.621	-46.823	-4	...	...	...	46.604	+48.769	-3	M	...	...	43.660	-58.620	-3	...	...
23I						29I						35I					
S *	-49.584	-40.801	2.15	51.10065	8.4	...	-46.601	+14.880	-3	M	...	...	-43.622	-17.732	-5	...	...
...	49.561	-20.334	0.70	...	...	...	46.555	-57.161	-1	...	...	*	43.504	-40.079	1.00	...	...
...	49.552	-43.753	-2	...	...	...	46.465	-15.797	-3	...	...	...	43.501	+20.646	-5	M	...
...	49.353	-36.160	0.85	...	...	...	46.424	+42.032	0.95	...	...	...	43.434	-28.562	-5	...	...
...	49.293	-4.941	0.85	...	...	...	46.404	+41.869	0.80	...	...	...	43.305	-13.609	-3	...	...
...	-49.266	+44.127	-3	B	...	...	-46.334	+28.543	0.75	B	...	...	-43.145	-34.263	-1	...	...
...	49.190	+12.095	0.70	...	...	*	46.324	+1.869	1.00	50.9762	9.8	...	43.078	-58.330	1.00	...	...
...	49.176	-35.444	0.80	...	...	...	46.287	+38.883	1.00	...	...	...	43.068	-18.517	-5	p	...
...	49.157	-57.782	-1	...	...	*	46.275	-17.176	1.00	51.10070	10.0	...	43.038	-12.100	-5	...	...
S *	49.143	+0.095	2.00	50.9760	8.4	...	46.240	-17.892	-3	...	...	...	43.032	+46.504	0.80	...	...
24I						30I						36I					
...	-49.058	+30.570	0.95	...	...	...	-46.232	+29.362	-5	M	...	...	-42.998	+42.343	-5	M	...
...	49.023	-50.709	5	...	...	*	46.193	-53.532	1.10	51.10067	9.5	...	42.985	+32.940	-4	M	...
...	48.966	+11.755	-5	M	...	...	46.124	-20.560	0.70	...	...	...	42.939	+43.064	-5	M	...
...	48.923	-58.679	-3	...	...	...	46.090	+54.705	-5	M	...	...	42.934	-23.395	0.70	...	...
...	48.883	-52.854	-5	...	...	...	46.071	+3.855	-5	M	...	...	42.876	-17.612	-1	...	...
...	-48.821	+8.603	0.70	...	...	...	-46.067	+39.979	-1	...	...	...	-42.764	-2.292	-5	...	...
...	48.754	-0.920	-2	...	...	...	45.924	-28.398	-5	p	...	...	42.645	+34.177	-3	M	...
...	48.752	-44.094	-3	...	...	...	45.851	-48.663	0.90	...	...	...	42.599	+41.949	-5	M	...
...	48.734	+34.609	-5	M	...	...	45.707	+42.434	-3	M	...	...	42.548	-11.013	-3	...	...
...	48.645	+0.218	-5	M	...	...	45.673	-7.911	0.65	...	...	...	42.537	+58.146	1.00	...	...
25I						31I						37I					
...	-48.612	+7.913	0.90	...	...	...	-45.619	+54.669	-5	M	...	...	-42.496	+9.337	-5	M	...
†	48.559	-5.006	-5	...	...	...	45.593	+27.543	-1	B	...	...	42.405	-47.378	0.65	...	...
...	48.549	+21.122	-5	M	...	...	45.544	-1.069	0.95	...	...	...	42.368	-12.741	-5	...	...
...	48.528	+16.262	-4	M	...	...	45.503	-26.608	0.80	...	...	...	42.330	+37.364	-5	M	...
...	48.514	+23.313	-5	M	...	...	45.475	+12.945	-5	M	...	...	42.273	-31.259	-5	...	...
...	-48.468	+24.745	-3	M	...	...	-45.440	-16.421	-5	...	...	*	-42.233	-5.899	1.15	51.10075	9.0
...	48.435	-11.549	-4	...	...	...	45.434	+12.432	0.75	...	...	*	42.223	-6.024	1.20	...	...
...	48.299	+21.212	-4	M	...	†	45.347	-21.357	-2	...	...	...	42.223	-55.573	-5	...	...
...	48.244	-38.486	0.95	...	...	†	45.287	-19.630	-5	...	...	...	42.198	-33.483	-3	...	...
...	48.215	+1.548	-5	M	...	...	45.189	+43.379	-4	M	...	...	42.134	-29.445	-5	...	...
26I						32I						38I					
...	-48.192	+26.673	-5	M	...	...	-45.157	-55.494	-5	...	...	...	-42.091	-28.757	-5	...	...
...	48.180	+31.621	-4	M	...	...	45.037	+40.424	-5	M	...	...	42.054	-46.929	-3	...	...
...	48.127	-27.022	-5	p	...	...	45.020	+56.859	0.75	...	...	...	42.011	-36.048	-4	...	...
...	48.109	-22.823	-5	...	...	...	44.967	-19.071	-5	p	...	...	41.931	-15.562	-2	...	...
...	47.973	+54.270	-5	M	...	...	44.945	+7.599	-3	...	...	...	41.884	+39.665	0.70	...	...
...	-47.841	-25.598	-5	...	...	...	-44.933	-45.662	-3	...	...	...	-41.809	-6.485	-5	...	...
...	47.649	+50.631	-4	M	...	...	44.922	+57.010	-4	M	...	...	41.799	+5.647	0.70	...	...
...	47.593	+35.820	-4	M	...	†	44.909	-35.045	0.80	...	...	...	41.765	+39.503	-4	M	...
...	47.580	-7.977	-3	...	...	...	44.879	-55.082	-2	...	...	...	41.737	+16.455	-2	...	...
[	47.497	-7.991	0.80	...	...	...	44.796	+44.350	-5	M	...	...	41.734	-27.702	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
391-450						451-510						511-570					
39I	-41°733	+25°633	-5	M	...	45I	-39°208	+18°383	-5	M	...	51I	-35°470	-21°668	-5	p	...
...	41°719	+9°941	-5	M	...	...	39°199	-19°409	-2	...	...	...	35°457	+3°635	0°70	...	...
*	41°714	+19°440	1°05	50.9763	9.6	...	39°053	-8°880	-5	...	...	†	35°425	+23°878	-4	M	...
...	41°701	+12°706	-4	M	...	...	38°992	-16°284	-3	...	...	†	35°299	-57°632	-5	M	...
...	41°670	+16°051	-5	M	...	*	38°901	-2°388	1°00	50.9766	9.6	...	35°229	+34°380	-4	M	...
...	-41°662	-20°525	-3	...	...	...	-38°878	-28°891	-5	...	...	*	-35°186	-36°371	1°20	51.10077	9.4
...	41°588	-47°332	0°65	...	...	...	38°852	-24°290	-5	...	...	...	35°046	+11°869	0°70	...	...
*	41°539	+32°866	1°05	50.9764	10.0	...	38°695	+48°351	-5	M	...	*	35°044	+13°187	1°15	50.9768	9.4
N*	41°440	-43°975	1°30	51.10074	9.3	...	38°586	+41°326	-5	M	...	...	35°014	-56°461	0°95	...	...
...	41°320	-38°342	-5	...	...	...	38°461	-32°240	-2	...	...	...	35°004	-48°005	0°90	...	...
40I	-41°218	+0°567	0°65	...	...	46I	-38°414	-16°181	-5	...	...	52I	-34°987	+13°392	0°70	...	...
...	41°217	-26°767	-4	...	...	...	38°363	-22°635	-5	...	...	...	34°981	+43°707	-3	M	...
†	41°188	+34°798	-2	...	...	...	38°299	-37°559	-2	...	...	*	34°859	+2°686	1°40	50.9769	9.3
*	41°169	+15°978	1°00	50.9765	9.7	...	38°232	+58°006	-5	M	...	†	34°852	-39°938	-4	...	...
...	41°146	-58°161	-4	...	...	...	38°136	+27°233	-3	M	...	...	34°834	-45°793	-5	...	...
...	-41°127	-11°765	-2	...	...	...	-38°131	-11°449	0°95	...	...	...	-34°795	-37°605	-5	...	...
...	41°045	+9°784	-5	M	...	...	38°031	-29°158	-5	...	...	...	34°654	+29°521	-1	...	...
...	40°997	-54°606	-5	...	...	*	37°997	+20°117	1°00	...	...	...	34°444	+21°040	0°90	...	...
...	40°989	+6°238	-1	...	...	...	37°992	+35°497	-2	B	...	...	34°441	-7°479	-5	p	...
...	40°973	+6°555	-2	...	...	...	37°958	+1°492	-5	M	...	...	34°300	-37°036	0°80	...	...
41I	-40°860	-19°037	0°70	...	...	47I	-37°855	-47°274	-5	p	...	53I	-34°226	-28°289	-5	p	...
...	40°857	+46°819	-4	M	...	...	37°842	-0°873	-5	...	...	...	34°181	+1°560	-5	M	...
...	40°846	-27°812	0°70	...	...	...	37°656	-39°110	-2	...	...	...	34°005	-6°147	0°90	...	...
...	40°742	+39°668	-4	M	...	...	37°649	+37°789	0°70	A	...	...	33°972	-43°311	0°80	...	...
...	40°710	+6°233	-5	M	...	...	37°555	+22°480	0°85	...	...	...	33°922	+21°246	-5	M	...
...	-40°698	-21°438	-3	...	...	...	-37°533	+32°640	1°00	50.9767	10.0	...	-33°911	+15°349	-5	M	...
...	40°682	-29°428	-1	...	...	...	37°482	+52°441	-5	M	...	...	33°796	-15°153	-5	...	...
*	40°643	-30°986	0°95	...	...	...	37°479	-35°434	-3	...	...	...	33°795	+53°306	-5	M	...
...	40°593	+52°970	0°65	A	...	...	37°297	+22°163	-3	M	...	...	33°775	+42°600	-5	M	...
...	40°593	+2°029	-5	M	...	...	37°290	+42°895	-5	M	...	...	33°724	+9°113	0°75	...	...
42I	-40°580	+30°128	-5	M	...	48I	-37°286	-25°568	-5	...	...	54I	-33°646	-57°675	1°20	51.10078	9.8
...	40°556	-45°179	-4	...	...	...	37°276	+6°968	-5	M	...	...	33°501	-41°656	-4	...	...
...	40°536	-24°131	-5	...	...	...	37°261	-53°421	-1	...	...	...	33°407	-54°657	0°95	...	...
...	40°465	-23°683	-5	...	...	...	37°250	-4°982	0°75	...	...	...	33°326	-45°065	-4	...	...
...	40°437	+15°449	0°70	...	...	...	37°232	+33°906	-1	B	...	...	33°302	-9°617	-5	p	...
†	-40°294	+40°576	-5	M	...	...	-37°204	-17°729	0°80	...	...	...	-33°230	-20°346	-5	...	...
†	40°280	+31°332	-3	M	...	...	36°947	+0°730	-5	M	...	...	33°206	-11°323	-4	...	...
...	40°244	+1°390	-5	M	...	...	36°861	+17°240	-5	M	...	...	33°188	+47°982	0°75	...	...
...	40°160	-10°209	-4	...	...	...	36°805	-6°529	-5	...	...	...	33°154	+14°555	-5	M	...
...	40°079	-23°091	0°80	...	...	...	36°725	-38°538	0°80	...	...	...	33°153	-30°075	-4	...	...
43I	-40°058	-18°941	0°80	...	...	49I	-36°724	+16°939	-5	M	...	55I	-33°143	-43°896	0°80	...	...
...	39°918	-53°189	-5	...	...	...	36°701	-54°780	-5	...	...	...	33°133	+35°550	-5	M	...
...	39°910	+30°008	-5	M	...	...	36°692	+45°529	1°00	...	...	...	32°980	-14°649	-5	...	...
...	39°840	-15°650	-5	...	...	...	36°687	-18°528	-5	...	...	...	32°978	+8°674	0°75	...	...
...	39°810	+49°695	-2	...	...	...	36°666	-35°963	-3	...	...	...	32°965	-20°092	-5	...	...
...	-39°770	+43°781	-5	M	...	...	-36°628	-27°649	-3	...	...	...	-32°964	-54°299	-5	...	...
...	39°760	+42°439	0°65	...	...	...	36°468	+2°829	-5	M	...	...	32°914	-49°602	0°70	...	...
...	39°692	-34°780	-2	...	...	...	36°454	-35°195	-2	...	...	...	32°903	-47°362	-4	...	...
...	39°680	+23°868	-4	M	...	...	36°435	-51°655	-5	...	...	...	32°852	+7°437	0°85	...	...
...	39°668	+44°292	-5	M	...	...	36°274	+56°561	-5	M	...	...	32°848	+17°127	-5	M	...
44I	-39°653	-5°365	-4	...	...	50I	-36°241	-22°362	0°80	...	...	56I	-32°767	+16°010	-5	M	...
...	39°558	+27°654	0°80	...	...	...	36°193	-41°162	-5	...	...	...	32°690	-35°473	0°90	...	...
...	39°544	-18°461	-5	...	...	...	36°107	+6°818	-3	M	...	*	32°650	+30°826	5°00	50.9770	7.0
...	39°536	+50°282	-5	M	...	*	36°077	-3°374	2°30	51.10076	8.9	...	32°611	+48°100	-5	M	...
...	39°484	-8°517	0°65	...	...	...	36°068	+35°308	-4	M	...	...	32°538	+5°415	-4	...	...
...	-39°473	+17°681	-5	M	...	...	-35°882	-21°029	-3	...	...	...	-32°496	+47°843	0°80	...	...
...	39°455	+57°262	-1	...	...	...	35°869	-40°953	-5	...	...	...	32°489	+32°955	-4	M	...
...	39°397	+5°516	-3	M	...	...	35°732	-5°900	-5	...	...	...	32°484	-41°833	0°65	...	...
...	39°275	-40°473	-5	p	...	...	35°608	+13°749	-4	M	...	...	32°456	+10°168	0°70	...	...
...	39°240	-48°257	-5	...	...	...	35°495	-20°505	-4	...	...	...	32°352	-56°246	-3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
571-630						631-690						691-750					
57I	-32'32I	-3'60I	-5	...	...	63I	-29'976	-25'17I	1'00	51.10083	9.8	69I	-26'478	-8'013	-3	...	...
...	32'300	-13'708	-3	...	...	...	29'853	-23'660	-4	...	...	...	26'382	+43'666	0.85	...	...
*	32'274	-53'647	2.00	51.10079	8.5	...	29'824	-34'554	-4	...	...	...	26'34I	+22'243	-5	M	...
...	32'26I	+7'428	0.70	...	...	...	29'797	-3'590	-4	...	...	...	26'275	+53'146	-5	M	...
*	32'254	-2'905	1'00	...	...	...	29'779	+17'957	-5	M	...	†	26'032	-15'044	-5	...	...
...	-32'202	-53'764	1'00	...	...	...	-29'727	-43'97I	-3	...	...	...	-25'960	+35'970	-5	M	...
...	32'172	+9'315	0.75	...	...	...	29'700	-22'158	-2	...	...	...	25'940	-9'516	-5	...	...
...	32'134	-46'083	-4	...	...	*	29'579	-31'394	1'00	51.10084	9.8	...	25'853	+47'485	-3	M	...
...	31'996	-26'363	-5	...	...	...	29'457	+55'675	-5	M	...	...	25'806	-49'425	-5	...	...
...	31'992	+11'860	-2	...	...	...	29'397	-30'926	-4	...	...	...	25'743	+10'377	0.95	...	...
58I	-31'965	+17'762	-5	M	...	64I	-29'258	+7'186	-3	...	...	70I	-25'736	-4'365	-5	p	...
...	31'957	-6'312	0.90	...	...	...	29'132	+30'304	0.95	...	...	...	25'697	-31'957	-2	...	...
...	31'938	+3'246	-4	...	...	...	29'026	+18'745	-4	M	...	*	25'685	-33'737	1'00	51.10087	9.8
...	31'918	-7'296	-3	...	...	...	29'017	-32'907	-4	...	...	...	25'590	+57'95I	-5	M	...
...	31'878	+17'120	-1	...	...	...	28'994	+48'72I	-5	M	...	...	25'549	+8'907	-5	M	...
...	-31'865	+40'027	-5	M	...	...	-28'980	-53'266	-3	...	...	...	-25'476	+16'298	-5	M	...
...	31'854	+22'112	-5	M	...	...	28'887	-10'427	0.85	...	...	...	25'464	+29'642	-4	M	...
...	31'785	+44'079	-3	M	...	...	28'886	-51'375	-5	...	...	†	25'432	+48'892	1'00	50.9776	9.7
...	31'768	-39'464	-5	...	...	...	28'869	+8'41I	-2	...	...	†	25'389	+33'81I	-5	M	...
...	31'645	+45'835	-4	M	...	...	28'843	+28'326	-5	M	...	†	25'379	+39'05I	-5	M	...
59I	-31'639	+41'183	-5	M	...	65I	-28'839	+30'777	-5	M	...	71I	-25'316	+47'230	-2	A	...
...	31'610	-9'10I	-4	...	...	...	28'834	-47'406	0.85	...	...	...	25'225	+5'436	-3	...	...
...	31'574	+30'133	-5	M	...	...	28'703	-24'502	-5	...	...	...	25'169	-51'904	-4	...	...
...	31'498	+20'233	-5	M	...	...	28'682	-20'204	-5	...	...	...	25'047	-16'770	0.75	...	...
...	31'497	+49'006	0.75	...	...	*	28'673	-1'424	1'05	50.977I	9.4	...	25'036	-21'985	-5	p	...
...	-31'493	+3'864	-5	M	...	...	-28'508	+12'09I	-3	...	...	...	-25'032	+36'716	0.80	...	...
...	31'44I	+25'266	-4	M	...	...	28'495	+52'514	1'00	...	...	...	24'995	+49'246	-5	M	...
...	31'372	-43'252	0.90	...	...	...	28'400	-3'78I	-5	...	...	...	24'96I	+33'303	-5	M	...
...	31'368	+21'673	-3	M	...	...	28'355	+21'885	0.75	...	...	...	24'83I	-39'013	-3	...	...
...	31'325	+0'590	0.70	...	...	...	28'228	+6'92I	-5	M	...	*	24'829	+24'986	0.95	...	...
60I	-31'204	+22'960	-5	M	...	66I	-28'11I	+5'824	-2	...	...	72I	-24'817	-13'744	-4	...	...
...	31'127	+18'25I	0.70	...	...	*	28'043	+10'653	1'00	50.9772	9.9	...	24'814	-22'325	0.70	...	...
*	31'114	-57'100	1'05	51.10080	9.9	*	28'035	+43'048	1'25	50.9773	9.3	...	24'603	-0'374	0.70	...	...
*	31'099	-13'685	1'20	51.10082	9.5	...	28'027	-36'859	-5	...	...	...	24'354	-58'62I	-2	...	...
...	31'098	+47'016	0.90	...	...	...	28'014	-38'035	-5	...	...	...	24'299	+38'945	-2	...	...
...	-31'095	-15'647	-5	...	...	...	-28'008	-48'324	0.85	...	...	...	-24'26I	-13'68I	-5	p	...
...	31'003	+9'833	-5	...	...	...	28'005	-52'655	0.85	...	...	...	24'183	+9'130	-2	...	...
...	30'995	-30'80I	0.90	...	...	...	27'98I	-52'920	-5	...	...	...	24'174	+6'249	-4	...	...
*	30'968	-29'660	1'15	51.1008I	9.5	...	27'909	+49'15I	-3	M	...	*	24'170	+58'038	1'05	...	...
...	30'942	+0'497	1'00	...	...	*	27'889	+45'468	1'00	50.9774	9.6	*	24'103	+9'218	1'00	...	...
61I	-30'91I	+53'85I	-4	M	...	67I	-27'815	+13'239	0.85	...	...	73I	-24'028	+46'19I	-4	M	...
...	30'867	+1'60I	-5	M	...	...	27'736	-18'107	-5	p	...	...	24'009	-47'995	-4	...	...
...	30'782	+42'532	-5	M	...	...	27'683	+46'677	-4	M	...	...	23'870	+39'238	-3	...	...
...	30'606	-9'844	-5	...	...	...	27'479	+58'808	-5	M	...	...	23'667	-46'283	-5	...	...
...	30'58I	-50'967	-5	p	...	*	27'27I	-4'174	1'00	51.10085	9.8	...	23'650	+54'955	-2	...	...
...	-30'545	+22'829	-5	M	...	...	-27'268	+27'132	0.65	...	...	...	-23'587	-29'22I	-5	p	...
...	30'505	+12'615	-4	M	...	...	27'246	+37'220	0.70	A	...	...	23'556	-30'249	-4	p	...
...	30'479	-1'854	-1	...	...	...	27'122	-2'108	-5	...	...	...	23'55I	-59'819	0.90	...	...
...	30'476	-10'519	-5	...	...	...	27'085	+40'948	0.90	...	...	...	23'473	-3'54I	0.70	...	...
...	30'445	-19'019	-3	...	...	...	27'067	+40'219	0.85	...	...	...	23'472	-45'414	-4	...	...
62I	-30'397	-42'354	-3	...	...	68I	-27'050	+42'633	-5	M	...	74I	-23'462	-51'520	-5	...	...
...	30'320	+24'349	0.95	...	...	...	26'955	-9'295	0.80	...	...	...	23'427	+12'504	-3	...	...
†	30'312	+8'865	-2	...	...	...	26'852	-35'384	-5	p	...	...	23'36I	-14'495	-3	...	...
†	30'287	-2'119	-2	...	...	...	26'810	-21'336	-4	...	...	...	23'135	-5'456	-5	...	...
...	30'212	-22'989	0.90	...	...	...	26'794	-25'218	0.95	51.10086	9.9	...	23'094	+5'705	0.95	...	...
...	-30'194	-4'078	-5	...	...	...	-26'779	-17'78I	-4	...	...	*	-23'017	-0'610	1'50	50.9777	9.0
...	30'150	-52'816	-5	...	...	...	26'766	+5'99I	-5	M	...	...	22'878	-30'298	-3	...	...
...	30'084	-30'574	-5	...	...	...	26'765	-21'99I	-5	...	...	*	22'834	-48'680	1'00	51.10088	9.8
...	30'075	+16'806	-5	M	...	...	26'756	+54'820	0.90	...	...	*	22'713	+23'58I	1'30	50.9778	9.3
...	29'980	-20'716	0.85	...	...	...	26'578	+24'339	1'00	50.9775	9.9	...	22'51I	+54'463	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
751-810						811-870						871-930					
75I	-22°385	+3°229	0.90	...	...	81I	-19°355	-35°083	1.00	51.10092	9.7	87I	-16°368	+53°514	-3	M	...
...	22°375	-44°066	0.80	...	...	...	19°283	+4°809	-4	...	...	...	16°277	+51°576	-3	M	...
...	22°292	+17°828	0.95	...	...	...	19°267	-50°336	-5	...	...	...	16°224	+13°788	-5	M	...
...	22°261	+53°866	0.90	...	...	*	19°262	-4°116	1.15	51.10093	9.5	...	16°180	+22°891	-5	M	...
...	22°242	+6°586	-3	...	...	...	19°257	+22°489	-5	M	...	...	16°179	+43°039	-5	M	...
...	-22°235	+56°863	1.00	...	...	...	-19°175	+3°575	-5	M	...	*	-16°178	-56°517	1.05	51.10099	9.5
...	22°167	-15°962	-2	...	...	†	19°163	+29°780	-5	M	...	...	16°111	+7°322	-5	M	...
...	22°095	+52°226	-1	...	...	...	19°116	-50°062	0.70	...	...	...	15°917	+52°133	-3	M	...
...	22°085	+58°183	-4	M	...	...	19°058	-14°327	0.90	51.10094	10.0	...	15°862	-7°692	-5	p	...
...	22°072	-10°681	-5	...	...	...	19°013	+38°132	-2	A	...	...	15°805	-17°088	-5	...	...
76I	-21°878	-46°094	-5	...	...	82I	-18°946	+19°392	0.90	...	...	88I	-15°744	+21°553	-5	M	...
...	21°807	+11°608	0.70	...	...	...	18°922	+44°225	-4	M	...	...	15°738	+43°886	-5	M	...
...	21°784	+7°760	-5	M	...	...	18°919	+8°825	1.00	...	...	...	15°735	-44°703	0.75	...	...
...	21°759	+16°137	-5	M	...	...	18°855	+10°857	-5	M	...	...	15°676	+30°897	0.90	...	...
...	21°747	-19°416	-4	...	...	*	18°839	+17°804	1.30	50.9783	9.0	...	15°604	+16°128	0.75	...	...
...	-21°727	+36°171	-5	M	...	...	-18°747	-20°964	-3	...	...	...	-15°600	-46°212	-5	...	...
...	21°681	+16°506	-4	...	...	...	18°745	-9°795	-5	...	...	...	15°582	-12°426	-5	...	...
...	21°608	-46°239	-4	...	...	...	18°658	-17°406	-5	...	...	...	15°572	+7°572	0.90	...	...
...	21°605	+43°534	-5	M	...	...	18°635	+31°276	-3	...	...	...	15°541	+32°812	-4	M	...
†	21°418	+4°958	-5	M	...	...	18°597	+22°992	-5	M	...	S *	15°518	50°547	1.30	51.10101	9.1
77I	-21°398	+42°600	-5	M	...	83I	-18°581	-18°626	0.90	...	...	89I	-15°490	+16°436	0.90	...	...
...	21°358	-31°864	0.80	...	...	...	18°560	+23°098	-2	...	...	†	15°400	+3°641	-5	...	...
...	21°355	-13°031	-5	...	...	...	18°536	-49°004	-2	...	...	...	15°267	-52°627	-4	...	...
*	21°307	+43°300	1.30	50.9779	9.1	...	18°494	-53°926	0.70	...	...	...	15°262	+28°279	-2	...	...
...	21°287	+10°068	-5	M	...	...	18°419	+50°692	-5	M	...	...	15°219	+20°527	-3	...	...
...	-21°145	+56°938	-4	M	...	...	-18°293	+32°681	-4	M	...	...	-15°178	+29°678	0.65	...	...
...	21°136	-36°637	1.00	...	...	*	18°201	-6°793	1.00	51.10095	9.9	...	15°143	+32°229	-5	M	...
...	21°083	-1°344	-5	p	...	...	18°153	+27°105	-3	...	...	...	15°073	+6°974	-3	...	...
...	21°032	+57°058	-4	M	...	...	18°146	-52°249	-5	p	...	...	15°058	+53°432	-3	...	...
...	20°964	+27°590	-4	M	...	...	18°143	+28°438	0.95	...	...	...	15°005	-56°021	1.00	...	...
78I	-20°932	+8°394	-2	...	...	84I	-18°113	-39°467	-2	...	...	90I	-15°003	+40°420	0.85	...	...
...	20°827	-47°498	1.15	51.10089	9.6	...	18°107	+12°585	-5	...	...	...	14°938	+32°581	-2	...	...
...	20°744	+50°314	-1	A	...	...	18°059	+34°960	-4	M	...	...	14°900	+45°176	-4	M	...
*	20°706	+2°124	1.05	50.9780	10.0	...	18°053	+49°021	-5	M	...	*	14°853	+20°004	1.10	50.9786	9.5
*	20°694	+20°421	1.05	50.9781	9.5	...	17°931	-53°819	0.75	...	...	...	14°839	+57°027	-4	M	...
...	-20°635	-51°752	-4	...	...	...	-17°914	-13°515	1.00	51.10096	10.0	...	-14°751	-31°993	-4	...	...
...	20°543	-30°952	-5	...	...	...	17°882	+49°326	-5	M	...	*	14°738	+17°669	1.05	50.9785	9.6
...	20°517	-25°292	-5	...	...	...	17°787	-17°710	-4	...	...	...	14°699	-31°683	-2	...	...
...	20°508	-24°353	-5	p	...	...	17°747	-9°426	-5	...	...	...	14°612	-29°119	-5	...	...
...	20°483	-46°380	-5	...	...	...	17°717	-28°557	0.75	...	...	...	14°605	-12°739	-4	...	...
79I	-20°444	-59°161	-5	...	...	85I	-17°679	+19°764	1.45	50.9784	9.0	91I	-14°588	+54°242	-5	M	...
†	20°247	-23°979	1.00	51.10090	9.7	S †	17°658	-32°080	-5	...	...	...	14°527	+27°303	-5	M	...
...	20°225	+59°661	-4	M	...	...	17°613	+28°382	-5	M	...	...	14°499	-24°776	-5	p	...
...	20°152	+54°412	-5	M	...	...	17°611	+49°405	0.90	...	...	...	14°437	+1°049	-3	...	...
...	20°128	+15°375	-5	...	...	...	17°503	+11°001	-5	M	...	...	14°394	-13°449	-5	...	...
*	-20°109	+6°119	-3	...	...	...	-17°446	+44°334	-5	M	...	*	14°329	-25°845	1.10	50.9787	9.4
...	20°063	-18°380	1.00	51.10091	9.8	...	17°303	+16°543	-2	...	...	...	14°321	+36°636	-5	M	...
...	19°976	+45°125	-2	B	...	...	17°302	-34°158	1.00	51.10097	10.0	...	14°235	-7°698	-5	...	...
...	19°958	+25°348	-3	M	...	...	17°286	+46°085	-5	M	...	...	14°188	+37°495	-5	M	...
...	19°859	+26°440	-5	M	...	...	17°252	+18°009	-5	...	...	...	14°171	+38°184	-5	M	...
80I	-19°805	+18°187	-1	...	...	86I	-17°212	+20°516	-2	...	...	92I	-14°149	+20°493	-2	...	...
...	19°794	-55°736	-2	...	...	...	16°968	-21°435	-4	...	...	...	14°121	+37°152	-5	M	...
...	19°685	-8°432	-3	...	...	...	16°903	-28°313	-5	p	...	...	14°086	-13°797	-5	...	...
...	19°684	+8°404	-5	M	...	*	16°899	-26°742	1.00	51.10098	9.5	...	14°036	-46°570	-4	...	...
...	19°618	+32°560	-4	M	...	...	16°851	+38°972	-5	M	...	...	13°958	-24°861	-3	...	...
...	-19°580	+48°099	0.90	...	...	...	-16°747	+38°333	-5	M	...	...	-13°798	+17°902	-3	...	...
†	19°540	+24°827	-5	M	...	...	16°637	-29°456	-4	...	...	...	13°780	-41°068	-4	...	...
...	19°451	+40°785	-5	M	...	...	16°492	+35°690	0.70	...	...	...	13°683	-20°890	-4	...	...
...	19°407	+6°478	-5	M	...	...	16°486	+28°060	-2	...	...	...	13°640	-18°817	-5	p	...
*	19°387	+44°184	1.00	50.9782	10.0	*	16°391	-23°437	1.00	51.10100	9.6	...	13°611	-40°117	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
931-990						991-1050						1051-1110					
93I	-13.536	+23.423	0.85	...	...	99I	-10.203	+56.630	-3	...	...	105I	-6.116	+4.510	-4	...	...
...	13.178	+12.952	-4	...	...	...	9.992	+41.585	-3	M	...	...	6.087	+19.610	-3	...	...
...	13.120	+51.157	-5	M	...	...	9.925	+35.878	-5	M	...	...	5.986	+41.114	-2	...	...
...	13.033	+28.763	-4	M	...	...	9.867	+58.807	-3	...	...	...	5.930	+15.841	-5	...	...
†	13.025	+54.773	-5	M	...	...	9.808	+34.094	-5	M	...	...	5.916	-3.688	-5	...	...
...	-13.003	+48.713	-5	M	...	*	-9.788	+21.561	1.00	50.9790	9.5	...	-5.782	+37.057	0.90	...	...
...	12.935	+21.867	-2	...	...	...	9.552	+43.530	-3	...	...	...	5.775	+13.068	-3	...	...
*	12.859	-58.708	1.05	51.10102	10.0	...	9.499	+42.673	0.70	...	...	...	5.769	+25.799	1.00	...	...
*	12.719	-50.410	1.15	51.10103	9.4	...	9.426	+22.988	-5	M	...	...	5.722	+18.053	-5	...	...
...	12.710	-36.528	-2	...	...	...	9.390	+30.102	0.85	...	...	...	5.655	-24.486	-5	...	...
94I	-12.673	+53.409	0.95	...	...	100I	-9.363	+42.529	-5	M	...	106I	-5.638	+21.969	-3	...	...
...	12.585	+14.167	1.20	50.9788	9.0	...	9.275	+41.364	-5	M	...	...	5.621	-39.676	-5	...	...
...	12.566	-42.941	-5	...	...	...	9.215	+11.581	-4	M	...	...	5.607	-46.759	-5	...	...
...	12.507	-15.574	-5	p	...	...	9.161	+50.770	-5	M	...	...	5.559	-51.574	-2	...	...
...	12.498	-49.489	1.00	51.10104	9.9	...	9.136	+39.275	0.90	...	...	†	5.459	-26.640	0.70	...	...
*	-12.443	-55.465	1.05	51.10105	9.7	...	-9.032	+32.703	0.85	...	...	†	-5.436	-27.357	-5	p	...
...	12.347	31.033	-5	p	...	...	8.939	+26.348	-3	...	...	...	5.169	-1.854	-2	...	...
...	12.300	17.403	-2	...	...	S *	8.899	+57.068	1.95	50.9792	8.8	...	5.155	-22.942	0.70	...	...
...	12.300	-35.798	-5	p	...	*	8.895	27.719	2.70	51.10109	8.5	...	5.106	+22.482	-3	...	...
...	12.286	20.400	-5	p	...	...	8.844	-33.661	-4	...	...	...	5.054	+30.740	-4	...	...
95I	-12.129	+9.416	1.00	...	...	101I	-8.779	+18.068	1.20	50.9791	9.3	107I	-5.016	+9.715	-5	...	...
...	11.951	+14.643	-5	M	...	...	8.744	+34.149	-5	M	...	...	4.955	+31.556	-5	M	...
*	11.872	-5.937	1.20	51.10106	9.4	...	8.728	-33.321	-5	...	...	*	4.785	+43.129	1.30	50.9794	9.1
...	11.831	+42.020	-5	M	...	...	8.726	+35.086	-5	M	...	...	4.577	+55.133	-4	M	...
...	11.828	-32.026	-3	...	...	...	8.465	+12.894	-5	M	...	...	4.530	+11.911	-4	M	...
...	-11.827	+33.632	-2	...	...	...	-8.450	+52.318	-2	...	...	...	-4.448	+24.361	-5	M	...
...	11.802	+37.256	-1	...	...	...	8.442	33.878	-4	...	...	...	4.185	+40.330	0.85	...	...
...	11.777	-41.925	-5	M	...	...	8.437	-26.200	-2	...	...	...	4.136	-21.563	0.70	...	...
†	11.739	+24.871	-5	M	...	...	8.290	-43.078	-1	...	...	...	4.112	+6.172	0.95	...	...
...	11.644	-46.500	-4	...	...	†	8.188	-44.928	-2	...	...	...	3.957	-57.441	0.90	51.10111	10.0
96I	-11.601	+10.332	-5	M	...	102I	-7.887	-48.328	0.95	...	...	108I	-3.791	+41.910	0.70	...	...
...	11.569	-45.101	-4	...	...	...	7.850	+46.135	-2	...	...	...	3.736	+23.404	-3	...	...
...	11.554	+37.357	-4	M	...	...	7.748	-9.364	-5	p	...	...	3.713	+8.539	0.80	...	...
...	11.539	+29.732	-4	M	...	...	7.625	-47.561	-5	...	...	...	3.598	-17.664	0.75	...	...
...	11.491	-49.710	-4	...	...	...	7.586	+36.238	-5	M	...	...	3.476	+48.279	-3	...	...
...	-11.314	+49.193	-5	M	...	*	-7.474	+51.272	1.00	...	...	*	-3.305	-58.170	1.05	51.10112	9.8
...	11.272	-52.392	-4	...	...	...	7.447	+16.605	-3	...	...	...	3.181	+18.280	-5	...	...
...	11.255	-44.158	-5	p	...	†	7.435	+54.864	-4	...	...	*	3.128	-55.650	1.40	51.10113	9.0
...	11.194	+2.733	-4	M	...	...	7.415	+18.996	-5	...	...	...	3.073	-11.408	0.95	...	...
...	11.180	-20.279	0.70	...	...	...	7.374	+35.520	-5	M	...	...	3.029	-40.455	-5	p	...
97I	-11.142	+43.005	-4	...	...	103I	-7.292	+7.440	-5	M	...	109I	-2.984	-8.649	-5	p	...
...	11.132	+49.334	-4	...	...	...	7.243	-33.314	-5	p	...	...	2.922	+47.491	-3	...	...
...	11.118	+57.512	-3	...	...	...	7.214	+14.788	-5	...	...	...	2.766	-26.969	-3	...	...
...	10.990	+47.168	-4	M	...	...	7.028	-33.810	-4	...	...	...	2.671	+14.957	-5	Mm	...
...	10.963	-9.926	-4	...	...	...	6.912	-48.228	0.90	...	...	*	2.425	-56.021	1.00	51.10114	9.9
...	-10.928	+13.701	-5	M	...	...	-6.877	+31.727	-5	M	...	...	-2.400	+3.325	-1	...	...
†	10.870	+4.955	-5	M	...	...	6.777	-17.695	-5	...	...	...	2.357	-35.975	-5	...	...
...	10.847	-34.571	-2	...	...	...	6.720	-2.304	-4	...	...	...	2.231	-26.397	-1	...	...
*	10.843	+31.376	1.00	50.9789	10.0	...	6.663	+46.371	-5	M	...	...	2.185	+47.336	-5	Mm	...
...	10.831	-7.205	1.00	...	...	...	6.643	-16.646	-5	...	...	...	2.079	-10.525	0.65	...	...
98I	-10.792	+23.340	-5	M	...	104I	-6.608	+33.811	-5	M	...	110I	-2.046	+55.791	1.10	50.9795	9.8
...	10.743	+33.524	-5	M	...	*	6.608	-38.779	1.00	51.10110	10.0	...	1.991	+18.352	-5	Mm	...
...	10.680	+22.944	-3	...	...	...	6.550	+4.285	0.90	...	...	...	1.733	+20.582	-5	M	...
...	10.622	15.054	-5	M	...	...	6.401	+57.711	-5	M	...	...	1.692	+40.887	-2	...	...
†	10.475	+37.777	0.65	...	...	...	6.390	-37.390	-3	...	...	...	1.659	-9.536	-5	...	...
...	-10.459	-57.481	-3	...	...	...	-6.347	-34.702	-5	p	...	...	-1.591	-30.966	-5	...	...
†	10.407	-25.271	0.80	...	...	...	6.338	+29.158	0.70	...	...	...	1.564	-18.642	0.65	...	...
†	10.343	-30.069	1.10	51.10108	9.1	...	6.322	-15.977	-3	...	...	...	1.541	-38.963	-3	...	...
†	10.304	-2.980	-3	...	...	...	6.143	23.293	-5	...	...	...	1.511	+50.182	-2	...	...
†	10.273	-52.251	1.00	51.10107	10.0	*	6.141	+23.200	1.00	50.9793	9.8	...	1.496	-24.325	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1111-1170						1171-1230						1231-1290					
III	-1'392	-51'253	1.05	51.10115	9.8	II7I	+2'813	+58'668	-5	m	...	I23I	+6'496	-25'908	-5	...	...
...	1'374	-37'908	-3	...	...	...	2'841	-56'455	-5	...	...	...	6'518	-21'482	-5	...	...
...	1'273	+5'867	-5	Mm	...	...	3'005	+26'642	-5	...	...	...	6'556	+2'264	-5	m	...
...	1'230	+56'429	-5	Mm	...	...	3'048	+11'634	-4	m	...	*	6'631	-41'319	1.10	51.10123	9.6
...	1'097	-48'843	-4	...	...	...	3'273	+58'551	-5	m	...	...	6'985	-30'954	0.70	...	...
...	-1'063	+1'551	-1	...	...	+	3'313	+48'024	-5	m	...	...	+6'987	-37'982	0.90	...	...
...	1'047	+56'397	-5	Mm	...	...	3'313	+5'522	-5	m	...	...	7'081	-46'881	0.70	...	...
...	0'901	+47'028	-5	Mm	...	...	3'405	+44'661	-2	...	...	...	7'138	+44'152	0.70	...	...
*	0'895	+46'015	0.95	...	...	N *	3'456	+58'102	2.00	49.9723	8.9	...	7'139	-27'670	-5	...	...
...	0'845	-41'647	-4	...	...	...	3'574	+55'977	-5	m	...	...	7'218	+4'172	0.75	...	...
II2I	-0'818	+58'987	-5	Mm	...	II8I	+3'671	-57'531	1.00	...	...	I24I	+7'225	-52'740	-5	p	...
...	0'781	-59'791	-5	...	...	...	3'687	-28'385	0.90	...	...	†	7'257	-44'973	-4	...	...
...	0'776	-36'599	-5	...	...	...	3'820	+48'987	0.75	...	...	...	7'269	-16'521	0.70	...	...
...	0'725	+57'948	-5	Mm	...	...	3'821	-26'201	0.85	...	...	...	7'315	+2'407	-2	...	...
...	0'641	-6'699	-3	...	...	...	3'905	+43'994	-4	...	...	...	7'336	+39'232	-5	m	...
...	-0'574	+35'201	-3	...	...	+	3'932	+57'281	-5	m	...	...	+7'445	+34'072	-5	m	...
...	0'544	-48'060	-4	...	...	...	4'045	+41'664	-5	m	...	*	7'460	+45'387	0.95	...	...
†	0'515	-21'925	1.50	51.10116	9.0	*	4'083	-32'979	2.00	51.10122	8.8	...	7'467	+11'092	-3	...	...
...	0'359	+32'000	-4	M	...	...	4'123	+26'368	1.00	50.9800	10.0	...	7'480	+21'941	0.65	...	...
...	0'251	-16'775	1.00	51.10117	9.6	...	4'170	+35'940	0.75	...	...	...	7'511	-38'630	-5	p	...
II3I	-0'212	+52'979	0.70	...	...	II9I	+4'175	+42'225	-5	...	...	I25I	+7'545	-13'284	0.65	...	...
†	0'151	-39'947	-5	...	...	...	4'354	-33'157	0.85	...	...	...	7'579	-36'150	-5	...	...
...	0'076	+58'980	-2	...	...	...	4'357	-44'514	-3	...	...	...	7'621	-54'523	-5	...	...
...	0'063	-44'382	0.75	...	...	...	4'405	-21'906	-5	...	...	...	7'660	+18'730	0.85	...	...
...	0'052	+40'190	-5	Mm	...	...	4'405	-56'654	-2	...	...	...	7'816	+57'189	-5	m	...
...	-0'052	-2'679	1.00	...	...	+	4'424	+16'576	-5	m	...	...	+7'826	-40'481	-4	...	...
*	-0'050	+1'155	5.00	50.9796	7.2	†	4'446	-2'078	0.85	...	...	...	7'876	+55'872	-4	m	...
...	+0'103	-25'094	-3	...	...	†	4'584	+25'341	-4	...	...	...	7'886	-21'600	-5	...	...
...	0'287	+20'740	1.00	...	...	...	4'712	+8'208	-5	m	...	...	7'976	-50'358	-5	p	...
...	0'287	+11'248	-1	50.9797	10.0	...	4'728	-30'467	-4	...	...	...	7'980	+43'582	-5	m	...
II4I	+0'360	+11'196	-4	M	...	I20I	+4'762	-23'801	-5	...	...	I26I	+7'981	+33'530	-3	...	...
...	0'320	-57'901	1.00	...	...	...	4'945	-55'451	-5	...	...	...	8'082	-4'132	-5	...	...
...	0'470	-25'236	-5	...	...	...	5'003	+28'850	0.95	...	...	...	8'131	-16'861	-5	p	...
...	0'476	-58'873	0.85	...	...	...	5'021	+17'015	-5	m	...	*	8'155	+7'701	1.40	50.9802	9.2
...	0'481	+10'284	-5	Mm	...	...	5'025	+14'040	0.65	...	...	...	8'215	+1'476	-3	...	...
...	+0'571	+48'537	0.70	...	...	+	5'047	+5'281	-5	m	...	...	+8'249	+59'088	-4	m	...
...	0'625	+41'186	-5	Mm	...	...	5'145	-37'379	-3	...	...	...	8'326	-37'417	-3	...	...
...	0'835	+47'879	0.80	...	...	...	5'212	+42'520	0.95	...	...	...	8'476	+43'603	-3	...	...
...	0'864	+40'059	-2	...	...	...	5'391	-39'596	0.80	...	...	...	8'655	+33'296	-5	m	...
...	0'954	+15'047	-5	Mm	...	...	5'430	+1'120	-5	m	...	...	8'700	-30'343	0.80	...	...
II5I	+1'056	+39'316	-5	Mm	...	I21I	+5'514	-33'937	-4	...	...	I27I	+8'735	-59'793	-5	...	...
...	1'092	+4'777	-5	Mm	...	...	5'572	+29'097	0.95	...	...	...	8'743	-45'875	-4	...	...
...	1'098	-23'906	-2	...	...	†	5'760	+54'828	-3	...	...	...	8'749	-19'759	-2	...	...
...	1'119	-54'460	0.80	...	...	...	5'768	-6'820	-3	...	...	...	8'766	-13'695	-5	...	...
†	1'276	+34'881	-5	M	...	...	5'789	+50'234	-5	m	...	...	8'865	-45'577	-4	...	...
*	+1'282	+17'699	2.20	50.9798	8.6	...	+5'814	-36'582	-5	p	...	...	+8'904	+12'218	-5	m	...
...	1'383	+36'818	-5	Mm	...	...	5'825	+4'750	-1	...	...	*	8'948	+17'560	1.10	50.9803	9.7
...	1'529	-57'948	0.70	...	...	...	5'847	-34'419	-5	...	...	*	8'949	-44'537	1.00	51.10124	9.9
...	1'642	+51'204	-2	...	...	...	5'939	+46'596	-5	m	...	...	8'953	-22'865	0.75	...	...
...	1'662	-36'714	-4	...	...	...	5'983	+37'970	-5	m	...	...	9'194	-1'441	0.80	...	...
II6I	+1'828	+45'943	-3	...	...	I22I	+6'045	+49'031	-5	m	...	I28I	+9'221	+50'386	1.35	50.9804	9.2
...	1'858	-12'281	1.00	51.10118	9.9	...	6'057	+13'613	0.80	...	...	...	9'245	-42'714	-5	p	...
*	2'120	-59'398	1.05	51.10119	9.9	...	6'106	+43'784	-5	m	...	...	9'248	+11'647	-5	m	...
*	2'128	+32'921	1.05	50.9799	9.5	*	6'191	-2'135	2.00	50.9801	8.8	...	9'284	-48'845	-5	...	...
...	2'319	-39'618	-3	...	...	...	6'216	-53'924	-5	p	...	...	9'320	-46'768	-5	...	...
...	+2'356	-17'964	1.00	51.10120	10.0	...	+6'350	-52'396	0.95	...	...	...	+9'321	+58'182	-5	...	...
...	2'407	+46'330	-5	m	...	...	6'376	+54'282	0.90	...	...	...	9'392	+30'300	-4	...	...
...	2'514	-46'717	-4	...	...	...	6'409	+44'421	-2	...	...	†	9'543	-56'545	-4	...	...
...	2'580	-54'317	-3	...	...	...	6'410	-51'417	-5	...	...	†	9'584	+1'462	-5	...	...
*	2'634	-3'711	1.00	51.10121	9.8	...	6'427	-51'323	-4	...	...	†	9'587	+30'717	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1291-1350						1351-1410						1411-1470					
I29I	+9.608	+28.443	-2	...	...	I35I	+14.333	-43.055	-4	...	...	I41I	+18.616	+39.746	-5	m	...
...	9.707	-54.689	0.90	...	...	†	I4.407	+51.043	-2	...	...	...	I8.661	-54.197	-4	...	...
...	9.892	-44.506	0.85	...	...	†	I4.516	+3.623	-5	...	...	*	I8.804	-32.245	1.00	51.10134	9.8
...	I0.062	-41.955	0.90	...	...	...	I4.722	+41.703	-3	...	...	*	I8.815	+5.905	1.15	50.9809	9.8
...	I0.118	-3.464	-5	...	...	...	I4.776	+17.903	-3	...	...	...	I9.029	+55.843	-2	...	...
...	+I0.399	-24.391	-5	...	...	...	+I4.853	-34.771	-3	...	...	...	+I9.079	-29.609	-4	...	...
...	I0.537	+25.955	-2	...	...	...	I4.932	-46.920	-5	...	...	...	I9.121	-35.667	-5	...	...
†	I0.606	+34.776	-4	m	...	...	I5.136	-52.794	-4	...	...	...	I9.142	-50.447	-2	...	...
...	I0.655	+55.454	-3	...	...	...	I5.330	-37.207	-5	...	...	...	I9.212	+24.252	-5	m	...
...	I0.710	+26.095	-3	...	...	*	I5.415	-29.093	1.00	...	...	...	I9.230	-1.886	-5	...	...
I30I	+I0.947	+46.911	0.95	...	...	I36I	+I5.426	+44.526	3.00	50.9807	8.1	I42I	+I9.231	-29.833	-5	...	...
...	I0.959	+25.481	1.10	50.9805	9.7	S *	I5.487	-3.499	3.50	51.10131	8.0	...	I9.354	-43.718	-5	...	...
...	II.141	+8.047	-5	m	...	...	I5.531	+22.405	-5	m	...	...	I9.423	-8.519	-5	p	...
N *	II.374	+59.140	3.60	49.9727	7.5	...	I5.543	+8.174	-5	m	...	...	I9.447	-9.409	-5	...	...
*	II.405	+55.463	1.00	50.9806	9.8	...	I6.007	-59.056	-4	...	...	*	I9.722	-27.613	1.20	51.10135	9.4
...	+II.577	+51.547	-5	m	...	...	+I6.041	+29.445	-5	m	...	...	+I9.730	-32.452	1.00	...	...
...	II.614	-11.610	-2	...	...	...	I6.111	-55.012	-5	...	...	...	I9.780	-56.465	-5	...	...
...	II.618	+57.834	-1	...	...	...	I6.199	+29.310	-5	m	...	...	I9.859	+28.612	-5	m	...
...	II.746	-37.422	-5	...	...	...	I6.202	-39.170	0.70	...	...	...	I9.953	-13.549	-5	...	...
...	II.751	-51.593	-4	...	...	...	I6.243	-9.301	-5	p	...	...	20.006	+6.329	-2	...	...
I31I	+II.809	+8.463	-5	m	...	I37I	+I6.254	+22.447	-5	m	...	I43I	+20.014	-30.824	1.00	51.10136	9.6
...	II.823	+22.829	-4	...	...	...	I6.271	-9.811	-5	...	...	...	20.051	-27.410	-3	...	...
...	II.909	+41.754	-5	...	...	...	I6.406	-55.276	-4	...	...	...	20.091	+1.826	-5	m	...
...	II.987	+13.657	-4	...	...	†	I6.411	+24.859	0.80	...	...	...	20.130	+50.150	-5	m	...
...	I2.059	+55.325	-5	...	...	...	I6.416	-47.911	-5	...	...	...	20.243	-36.208	0.75	...	...
...	+I2.106	-38.330	-5	...	...	...	+I6.463	-7.202	-4	...	...	...	+20.258	+46.460	-5	m	...
...	I2.113	-59.621	1.00	51.10125	10.0	...	I6.558	-26.922	-5	...	...	...	20.285	+21.171	-5	m	...
*	I2.137	+58.535	1.00	49.9728	9.7	...	I6.576	-14.823	-3	...	...	...	20.363	-42.988	-5	...	...
...	I2.185	+30.495	-2	...	...	...	I6.687	+37.109	-5	m	...	...	20.378	-35.387	-5	...	...
...	I2.241	+40.600	0.70	...	...	...	I6.702	+19.666	-5	...	...	*	20.487	+3.361	1.00	...	...
I32I	+I2.250	+53.775	-2	...	...	I38I	+I6.780	+34.565	1.00	50.9808	10.0	I44I	+20.487	-59.401	-5	...	...
...	I2.266	+44.240	0.90	...	...	...	I6.798	-48.901	-4	...	...	...	20.517	+1.077	-3	...	...
...	I2.279	+46.797	0.90	...	...	*	I6.822	-45.248	1.00	...	...	...	20.630	-59.617	-5	...	...
...	I2.358	-38.105	-5	...	...	...	I6.900	+35.763	-3	...	...	...	20.685	+46.689	-5	m	...
...	I2.445	+12.633	-5	m	...	...	I7.007	-21.995	-5	p	...	*	20.743	+2.623	1.00	50.9812	9.8
*	+I2.451	-5.307	1.00	51.10126	10.0	*	+I7.018	-3.250	1.20	51.10132	9.5	...	+20.766	-37.708	-4	...	...
...	I2.623	+4.672	-4	...	...	...	I7.022	+1.520	-1	...	...	...	20.807	+35.585	-4	m	...
...	I2.664	-37.618	-2	...	...	...	I7.073	+27.494	-5	m	...	*	20.813	+27.535	1.20	50.9810	9.5
...	I2.800	-29.218	0.75	...	...	...	I7.093	-11.777	-1	...	...	...	20.871	+3.366	-5	m	...
...	I2.821	-53.359	-3	...	...	...	I7.169	+23.834	-5	m	...	n *	20.965	+3.429	1.00	...	...
I33I	+I2.850	+18.728	-4	...	...	I39I	+I7.177	+13.203	-5	m	...	I45I	+20.885	+3.608	2.20	50.9813	8.0
*	I2.878	-18.088	1.00	51.10127	9.5	...	I7.224	+17.239	-1	...	...	n *	20.909	+32.127	1.00	50.9811	9.7
...	I2.898	-8.903	-5	...	...	...	I7.417	-59.490	1.00	...	...	...	20.912	+32.017	-5	m	...
...	I3.163	-44.523	-5	...	...	...	I7.518	-20.116	-5	...	...	...	20.996	-36.798	-4	...	...
...	I3.212	+47.704	-5	...	...	...	I7.548	+50.667	-3	...	...	*	21.097	+34.963	0.90	...	...
...	+I3.387	-26.033	-5	...	...	*	+I7.584	+23.726	1.00	...	...	...	+21.132	-11.263	-2	...	...
...	I3.469	+52.784	-5	m	...	...	I7.628	-47.717	-5	...	...	...	21.162	-46.636	0.70	...	...
...	I3.470	-37.939	-5	p	...	...	I7.746	+5.555	-4	m	...	n *	21.169	+3.544	2.30	50.9813	8.0
...	I3.549	-22.684	-5	...	...	...	I7.775	-50.650	0.95	...	...	...	21.219	-31.541	-4	...	...
...	I3.620	-6.381	0.70	...	...	†	I7.788	+54.859	-1	...	...	...	21.236	+52.891	-5	m	...
I34I	+I3.796	-34.584	1.00	51.10129	9.8	I40I	+I7.955	+26.673	-5	m	...	I46I	+21.243	+23.692	0.70	...	...
*	I3.834	-23.660	-5	...	...	...	I8.018	-48.387	-5	...	...	...	21.380	+3.129	0.95	...	...
†	I3.867	+44.910	0.90	...	...	...	I8.067	-57.076	-5	...	...	...	21.430	-26.683	0.80	...	...
...	I3.978	-37.515	-5	...	...	...	I8.204	-19.816	-5	...	...	...	21.476	-20.578	-5	...	...
...	I3.990	-21.527	-2	...	...	*	I8.266	-31.659	1.00	51.10133	9.7	...	21.479	+25.336	0.70	...	...
...	+I4.057	-54.281	-4	...	...	...	+I8.407	-47.176	-4	...	...	...	+21.502	+43.902	-5	m	...
...	I4.060	+49.473	-5	...	...	...	I8.410	+54.808	-4	...	...	...	21.594	-31.092	-5	...	...
...	I4.079	-21.793	-5	...	...	...	I8.430	+10.680	-4	...	...	...	21.636	+17.558	-5	m	...
...	I4.187	+38.483	-5	...	...	...	I8.498	+51.703	-1	...	...	...	21.700	-35.407	-4	...	...
...	I4.263	+31.604	-5	m	...	...	I8.590	+36.671	-5	m	...	...	21.749	-3.396	-5	...	...

1304. Mass.

1450, 1451, 1458. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1471-1530						1531-1590						1591-1650					
I47I	+21° 845	-14° 326	0.75	...	...	I53I	+24° 653	-16° 511	-4	...	...	I59I	+27° 722	+31° 730	-5	<i>m</i>	...
...	21° 881	+51° 795	-3	...	...	...	24° 657	-4° 722	-5	...	...	...	27° 851	+22° 603	-5	<i>m</i>	...
...	21° 889	-37° 158	-5	...	...	...	24° 731	+9° 799	-4	<i>m</i>	...	...	27° 991	+40° 451	-5	<i>m</i>	...
...	21° 897	-52° 672	-5	<i>p</i>	...	...	24° 771	-20° 115	0.70	...	...	*	28° 021	-16° 034	1.20	51.10145	9.5
...	21° 943	-23° 004	0.80	...	...	*	24° 818	-43° 601	1.00	51.10142	10.0	...	28° 070	+2° 856	-3	...	...
...	+21° 944	-17° 609	-5	...	...	...	+24° 844	+58° 065	-4	...	...	...	+28° 188	-15° 543	0.85	...	...
...	21° 991	+0° 189	-5	<i>m</i>	...	...	24° 895	-34° 284	-5	...	...	...	28° 195	+8° 419	-5	<i>m</i>	...
...	21° 993	+41° 975	0.75	...	...	...	24° 910	+58° 286	-5	<i>m</i>	...	...	28° 202	-12° 478	-4	...	...
*	22° 031	-22° 702	1.00	51.10137	9.6	...	24° 956	-52° 941	0.85	...	...	...	28° 256	-35° 127	-3	...	...
...	22° 038	-10° 193	-3	...	...	...	25° 132	-12° 104	-2	...	...	...	28° 282	+21° 306	-3	...	...
I48I	...	...	...	...	...	I54I	...	...	...	...	...	I60I	...	...	...	...	...
...	+22° 102	+43° 345	-5	<i>m</i>	...	...	+25° 183	+24° 133	-5	<i>m</i>	...	...	+28° 403	+42° 167	-5	<i>m</i>	...
...	22° 115	+55° 388	-5	<i>m</i>	...	...	25° 202	+36° 284	-5	<i>m</i>	...	...	28° 444	+47° 532	0.90	...	...
...	22° 165	+15° 374	-5	<i>m</i>	...	...	25° 233	+50° 764	-5	<i>m</i>	...	...	28° 445	-6° 676	-5	...	...
...	22° 170	+35° 159	-4	<i>m</i>	...	...	25° 360	+32° 203	-4	<i>m</i>	...	...	28° 450	+25° 875	0.70	...	...
...	22° 175	+42° 606	-5	<i>m</i>	...	...	25° 409	-5° 356	-4	...	...	...	28° 518	+57° 478	1.00	...	...
...	+22° 255	-50° 978	0.70	...	...	...	+25° 495	+28° 488	-5	<i>m</i>	...	...	+28° 518	+21° 503	-4	<i>m</i>	...
...	22° 266	-6° 934	-1	...	...	...	25° 568	+48° 048	1.00	...	...	...	28° 535	+42° 012	-5	<i>m</i>	...
†	22° 554	-0° 004	1.00	50.9815	9.4	...	25° 618	+9° 045	0.80	...	...	...	28° 590	-5° 432	-4	...	...
...	22° 558	+15° 073	0.95	50.9814	10.0	...	25° 776	-11° 962	-5	<i>p</i>	...	...	28° 797	-5° 940	-5	...	...
...	22° 596	+31° 799	0.85	...	...	...	25° 800	-13° 617	-5	...	...	...	28° 798	+25° 055	0.90	...	...
I49I	...	...	...	...	...	I55I	...	...	...	...	...	I61I	...	...	...	...	...
...	+22° 609	-12° 118	1.00	51.10138	10.0	...	+25° 823	+41° 922	-4	...	...	...	+28° 807	-49° 399	-5	...	...
...	22° 727	-43° 199	-2	...	...	...	25° 860	-15° 615	-3	...	...	*	28° 818	-33° 176	1.00	51.10147	9.8
*	22° 822	-43° 183	1.30	51.10139	9.1	...	25° 875	+44° 440	-5	<i>m</i>	...	*	28° 919	-11° 822	1.15	51.10146	9.7
...	22° 731	-48° 113	-5	...	...	...	25° 961	+36° 706	-5	<i>m</i>	...	...	28° 995	-55° 475	-2	...	...
...	22° 820	-9° 287	-2	...	...	...	26° 141	+33° 151	0.65	...	...	...	29° 061	+59° 531	-4	...	...
...	+22° 904	+27° 704	-5	<i>m</i>	...	...	+26° 171	+39° 964	-4	<i>m</i>	...	...	+29° 142	+14° 705	-5	<i>m</i>	...
...	22° 949	+54° 285	-5	<i>m</i>	...	...	26° 241	-5° 995	-5	...	...	...	29° 168	-8° 330	-5	...	...
...	22° 964	-55° 695	-5	...	...	...	26° 316	-13° 358	-3	...	...	...	29° 177	+18° 012	0.80	...	...
...	22° 997	-25° 507	-5	<i>p</i>	...	...	26° 317	-6° 948	0.85	...	...	...	29° 227	+52° 093	-5	<i>m</i>	...
...	23° 042	-24° 175	-5	...	...	...	26° 338	-46° 739	-3	...	...	...	29° 414	-0° 673	0.70	...	...
I50I	...	...	...	...	...	I56I	...	...	...	...	...	I62I	...	...	...	...	...
...	+23° 098	-15° 546	-5	...	...	...	+26° 390	+13° 636	-4	<i>m</i>	...	†	+29° 473	-22° 638	0.90	...	...
...	23° 179	-41° 835	0.80	...	...	...	26° 407	+33° 308	-5	<i>m</i>	...	†	29° 510	+32° 851	-3	...	...
...	23° 190	+19° 675	1.00	...	...	...	26° 414	-12° 117	-5	...	...	...	29° 584	+18° 778	-5	<i>m</i>	...
...	23° 192	+48° 969	-4	<i>m</i>	...	...	26° 454	+30° 167	-4	<i>m</i>	...	...	29° 640	-13° 111	0.75	...	...
...	23° 240	-32° 269	0.80	...	...	...	26° 467	+34° 063	0.80	...	...	...	29° 665	+36° 069	-5	<i>m</i>	...
...	+23° 319	+31° 647	-3	...	...	...	+26° 497	+19° 254	-4	<i>m</i>	...	...	+29° 764	-6° 678	-5	...	...
...	23° 324	+24° 656	-3	...	...	...	26° 512	+56° 217	-5	<i>m</i>	...	*	29° 801	-34° 849	1.00	51.10148	9.7
...	23° 378	+7° 882	-5	<i>m</i>	...	*	26° 533	-46° 409	0.90	...	...	*	29° 958	-14° 416	1.00	51.10149	9.5
...	23° 385	-53° 820	0.85	...	...	...	26° 574	-53° 986	-5	...	...	...	29° 988	-11° 444	-5	...	...
...	23° 469	-16° 161	-5	...	...	*	26° 627	+15° 445	0.95	...	...	...	30° 074	-33° 753	-2	...	...
I51I	...	...	...	...	...	I57I	...	...	...	...	...	I63I	...	...	...	...	...
...	+23° 523	+33° 188	-5	<i>m</i>	...	...	+26° 630	+13° 519	-1	...	...	...	+30° 081	+59° 016	-5	<i>m</i>	...
...	23° 530	-58° 140	-5	...	...	*	26° 727	-15° 179	1.20	51.10143	9.5	...	30° 286	+1° 539	-3	...	...
...	23° 550	+0° 395	-5	<i>m</i>	...	...	26° 748	+22° 725	-5	<i>m</i>	...	...	30° 302	+11° 142	-2	...	...
...	23° 643	+14° 771	-4	...	...	...	26° 881	+42° 722	-5	<i>m</i>	...	...	30° 328	+42° 922	0.80	...	...
...	23° 810	+35° 794	-5	<i>m</i>	...	...	26° 885	-0° 188	-5	<i>p</i>	...	...	30° 332	+36° 454	-3	<i>a</i>	...
...	+23° 821	-20° 320	0.70	...	...	...	+26° 913	+28° 476	-5	<i>m</i>	...	...	+30° 454	-10° 937	-5	...	...
...	23° 892	+3° 052	-5	...	...	...	26° 986	-13° 652	-5	...	...	...	30° 454	-30° 261	-5	...	...
...	24° 076	-34° 112	0.90	...	...	...	27° 075	-16° 195	0.95	...	...	...	30° 472	+6° 758	-3	...	...
...	24° 124	-21° 034	-5	...	...	...	27° 163	-1° 094	-5	...	...	...	30° 592	-37° 996	-5	...	...
...	24° 136	+2° 539	-5	<i>m</i>	...	...	27° 201	-38° 473	-3	...	...	...	30° 647	+57° 035	-5	<i>m</i>	...
I52I	...	...	...	...	...	I58I	...	...	...	...	...	I64I	...	...	...	...	...
...	+24° 154	-3° 910	1.00	...	...	...	+27° 224	+38° 460	-5	<i>m</i>	...	...	+30° 861	+12° 448	-5	<i>m</i>	...
...	24° 170	+39° 392	0.70	...	...	...	27° 245	+49° 640	-5	<i>m</i>	...	...	30° 919	-5° 888	-5	...	...
...	24° 297	+36° 018	-5	<i>m</i>	...	...	27° 275	+39° 304	-5	<i>p</i>	...	...	30° 929	+15° 756	-3	...	...
...	24° 298	-52° 607	-5	...	...	...	27° 283	-46° 771	-5	...	...	...	30° 997	-11° 240	-5	...	...
...	24° 314	+41° 038	0.80	...	...	...	27° 325	+10° 339	-5	<i>m</i>	...	...	31° 138	-49° 754	-5	...	...
...	+24° 328	-46° 380	-5	...	...	...	+27° 377	+31° 487	-5	<i>m</i>	...	†	+31° 146	-34° 958	0.70	...	...
*	24° 407	-14° 102	1.80	51.10141	9.0	...	27° 377	-19° 607	-5	...	...	...	31° 341	+35° 696	-5	<i>m</i>	...
†	24° 527	+37° 481	1.05	50.9816	9.6	*	27° 393	-16° 086	2.50	51.10144	8.6	...	31° 341	-13° 470	-5	...	...
†	24° 559	+17° 984	0.75	...	...	*	27° 609	+42° 443	1.00	...	...	...	31° 440	+59° 012	-1	...	...
...	24° 646	+29° 781	-5	<i>m</i>	...	...	27° 643	-9° 914	-3	...	...	...	31° 478	-0° 262	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1651-1710						1711-1770						1771-1830					
I65I	+31'510	-39'687	0.75	...	...	I71I	+34'620	-3'362	-3	...	...	I77I	+37'235	-18'084	0.70	...	...
...	31'659	-13'207	I.05	5I.I0I50	9.7	...	34'630	+26'543	-4	m	...	S *	37'327	+10'800	I.90	50.9822	8.8
...	31'820	-43'446	-3	...	...	...	34'694	-32'207	-5	...	...	...	37'399	+15'331	-5	m	...
...	31'845	+33'735	0.90	...	...	...	34'759	+51'313	-5	m	...	...	37'407	-38'836	-3	...	...
...	31'914	-49'755	0.90	...	...	...	34'833	-53'562	-4	...	...	...	37'512	+29'640	-3	...	...
...	+31'932	-59'228	-5	...	...	...	+34'860	+45'650	0.90	...	...	...	+37'583	-37'489	-5	...	...
...	32'023	+33'855	-4	m	...	...	34'907	-11'005	0.70	...	...	...	37'733	+21'743	-3	...	...
...	32'069	-27'458	-2	...	...	*	34'922	-17'016	I.00	5I.I0I54	I0.0	...	37'748	+33'997	-4	m	...
...	32'074	-50'655	I.00	...	...	...	34'943	-54'800	-5	...	...	*	37'798	-4'413	I.05	5I.I0I56	9.8
...	32'098	-24'567	I.90	5I.I0I5I	9.0	...	34'948	+15'697	-5	m	...	...	37'811	-29'142	-5	...	...
I66I	+32'100	+56'197	-5	m	...	I72I	+34'982	-3'885	-3	...	...	I78I	+37'852	-18'801	-2	...	...
...	32'207	-4'064	0.75	...	...	*	35'014	+30'716	I.00	...	...	...	37'972	+30'479	-4	...	...
...	32'298	-10'220	I.00	5I.I0I52	9.5	...	35'022	+27'249	-2	...	...	...	38'042	-23'503	-5	...	...
...	32'440	+25'303	0.90	...	...	...	35'033	-32'677	-3	...	...	...	38'061	+20'172	-4	...	...
...	32'457	+19'175	-4	...	...	*	35'077	-50'388	I.00	...	...	...	38'072	+10'936	0.90	...	...
...	+32'490	-17'424	-4	...	...	...	+35'116	+3'531	-4	...	...	...	+38'083	-40'379	-5	p	...
...	32'558	-43'373	I.00	...	...	...	35'126	-2'596	-3	...	...	...	38'168	+43'433	-3	...	...
...	32'563	+47'510	-5	m	...	...	35'172	+40'295	-4	m	...	...	38'182	+1'475	-3	...	...
...	32'570	+9'601	-5	m	...	...	35'184	+36'156	-5	m	...	...	38'204	-9'597	-5	...	...
...	32'578	-15'575	-3	...	...	...	35'192	+17'234	-5	m	...	...	38'263	+11'681	-3	...	...
I67I	+32'690	-46'996	-5	...	...	I73I	+35'218	-11'486	-3	...	...	I79I	+38'302	+9'378	-5	m	...
...	32'712	+54'176	I.20	50.9817	9.7	...	35'219	+6'920	-5	m	...	...	38'340	+46'716	-5	m	...
...	32'760	+53'293	-5	m	...	†	35'265	+39'807	-3	...	...	...	38'358	+19'505	-5	m	...
...	32'812	-22'338	-5	...	...	...	35'308	+42'963	-5	m	...	...	38'400	+29'041	-4	...	...
...	32'830	+23'739	-5	m	...	...	35'445	-20'991	-4	...	...	†	38'547	+5'007	0.90	...	...
...	+32'863	-1'478	0.90	...	...	...	+35'488	-3'582	-3	...	...	*	+38'551	+12'213	I.00	50.9823	9.9
...	32'869	+4'441	I.05	50.9818	9.6	...	35'591	-4'882	-2	...	...	...	38'561	-48'770	-4	...	...
...	32'946	+20'600	0.80	...	...	...	35'596	-35'138	-5	...	...	...	38'647	-31'213	-5	...	...
...	32'978	-6'289	-5	p	...	...	35'625	-0'255	-4	...	...	...	38'682	-9'660	-5	...	...
...	32'987	+35'041	0.70	...	...	...	35'872	+32'802	-4	m	...	...	38'780	+47'163	-5	m	...
I68I	+33'005	-4'412	-2	...	...	I74I	+35'902	+27'520	-3	a	...	I80I	+38'846	+49'646	-5	m	...
...	33'046	-47'667	I.00	...	...	...	35'931	+43'245	-5	m	...	*	38'867	-55'072	2.00	5I.I0I57	8.5
...	33'134	+40'441	-5	m	...	...	35'940	-58'439	0.65	...	...	...	38'944	-28'036	-1	...	...
...	33'151	+34'023	-4	m	...	...	35'966	+40'459	-4	...	...	...	39'039	+21'967	-4	m	...
...	33'212	-6'683	0.70	...	...	...	36'035	-13'419	-5	...	...	†	39'050	+54'865	-4	m	...
...	+33'214	-54'108	-5	...	...	...	+36'063	-44'331	-5	...	...	...	+39'063	+9'285	-4	m	...
...	33'218	-40'543	-5	...	...	...	36'075	+39'678	-4	m	...	...	39'078	-12'683	-2	...	...
...	33'344	-44'958	I.35	5I.I0I53	9.0	...	36'117	-5'430	-5	...	...	...	39'328	+51'750	-4	...	...
S †	33'379	+34'819	-3	a	...	...	36'181	+16'617	-3	...	...	...	39'569	+7'291	-5	m	...
...	33'429	+38'385	0.85	...	...	...	36'212	-19'791	-2	...	...	...	39'722	-25'344	-5	...	...
I69I	+33'451	+2'386	0.85	...	...	I75I	+36'228	+1'995	0.65	...	...	I81I	+39'779	-25'348	-3	...	...
...	33'703	-25'010	-4	...	...	...	36'275	-23'974	-3	...	...	...	39'803	-20'800	-5	...	...
...	33'715	+12'457	-3	a	...	...	36'321	-48'428	-5	...	...	...	39'890	-29'008	0.70	...	...
...	33'731	-29'250	-5	...	...	...	36'396	+37'839	0.70	...	...	...	39'896	-5'563	-5	...	...
...	33'736	-31'541	0.75	...	...	...	36'420	-33'061	-4	...	...	...	39'967	+50'808	-5	m	...
...	+33'820	-29'021	0.65	...	...	...	+36'484	-30'658	-4	...	...	...	+40'023	+55'861	-5	m	...
...	33'844	+24'867	I.15	50.9819	9.0	...	36'669	-6'478	0.70	...	...	*	40'041	-1'837	I.00	50.9824	9.9
...	33'951	-3'461	-5	...	...	...	36'721	+10'579	-4	m	...	...	40'108	-8'765	-5	...	...
...	33'965	+2'543	-5	m	...	*	36'728	+15'099	I.35	50.9820	9.0	...	40'164	-13'123	-4	...	...
...	34'037	+25'768	-4	...	...	*	36'763	+41'650	I.00	...	...	...	40'170	-37'048	0.80	...	...
I70I	+34'056	-14'439	-5	...	...	I76I	+36'779	-46'459	-5	...	...	I82I	+40'291	+43'096	0.70	...	...
...	34'084	-39'709	-5	...	...	...	36'792	-21'182	-5	...	...	...	40'436	+17'770	-5	m	...
...	34'146	+8'889	-2	...	...	...	36'811	-51'367	-4	...	...	...	40'457	+44'409	0.90	...	...
...	34'222	-32'086	-2	...	...	...	36'918	-30'507	-4	...	...	...	40'457	+22'043	-4	m	...
...	34'366	-8'298	-2	...	...	*	36'931	+31'457	I.30	50.9821	9.2	...	40'462	-20'668	-3	...	...
...	+34'401	-5'844	0.70	...	...	...	+37'107	+18'866	-5	m	...	...	+40'490	+9'724	0.85	...	...
...	34'422	+28'065	-5	m	...	...	37'153	-46'379	-5	...	...	...	40'573	+42'166	-5	m	...
...	34'493	+29'386	0.80	...	...	...	37'172	+8'035	-3	...	...	...	40'838	+49'687	-4	m	...
...	34'557	+31'401	0.65	...	...	...	37'214	+12'654	0.65	...	...	...	40'854	+56'237	-4	m	...
...	34'584	-18'742	-2	...	...	...	37'223	-27'447	0.70	...	...	...	40'866	-22'930	-3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1831-1890						1891-1950						1951-2010					
1831	+40.898	-24.373	0.90	...	...	1891	+45.272	-20.817	-3	...	...	1951	+48.709	+0.463	-4	...	...
*	41.504	-21.773	1.00	51.10158	9.8	...	45.278	+37.045	-4	...	...	...	48.736	+23.510	0.80	...	...
*	41.549	-8.981	1.00	51.10159	9.8	*	45.378	-12.631	0.90	...	...	...	48.792	+1.943	-3	...	...
...	41.725	+12.095	0.70	...	...	...	45.629	+16.295	-1	...	...	...	48.925	-55.434	-4	...	...
...	41.735	+18.250	-3	...	...	...	45.757	+24.259	-4	m	...	*	48.933	+5.230	1.00	...	...
...	+41.761	-45.637	-5	...	...	...	+45.789	-3.705	-2	...	...	*	+49.176	+58.269	1.15	49.9751	9.9
...	41.779	-23.839	-2	...	...	...	45.789	-17.061	-5	...	...	*	49.183	-12.460	1.00	51.10166	10.0
...	41.937	+20.864	-5	m	...	...	45.820	+31.338	0.80	...	...	...	49.183	-33.569	-5	p	...
...	42.034	+31.563	-5	m	...	...	45.845	+22.782	-5	m	...	...	49.204	+41.889	-5	m	...
...	42.058	-59.227	-1	...	...	*	45.896	+9.473	1.05	50.9829	9.8	...	49.304	-42.725	-2	...	...
1841	...	...	...	...	...	1901	...	...	...	...	...	1961	...	...	...	...	...
*	+42.180	+43.734	1.15	50.9825	9.5	...	+45.916	+31.762	0.85	...	...	...	+49.520	+59.274	-4	...	...
...	42.235	+41.632	-5	m	...	...	45.948	-18.893	-3	...	...	...	49.617	-34.263	-2	...	...
...	42.245	+7.772	0.70	...	...	...	46.048	+13.088	-3	...	...	...	49.713	-27.746	0.80	...	...
...	42.257	-1.946	-5	...	...	*	46.050	-41.155	1.30	51.10164	9.4	...	49.745	+50.117	1.00	...	...
...	42.295	+0.892	-4	...	...	...	46.153	+18.539	-5	m	...	...	49.830	-11.830	-5	...	...
...	+42.424	-31.549	-2	...	...	...	+46.157	+27.028	0.90	...	...	...	+50.071	+55.270	1.00	...	...
*	42.669	-35.861	1.00	51.10160	9.5	...	46.160	+18.206	0.70	...	...	...	50.150	+19.767	-5	m	...
...	42.908	-19.387	-5	...	...	...	46.176	-38.750	-5	...	...	...	50.182	-45.019	-5	...	...
...	42.994	-1.199	-5	...	...	...	46.261	+46.117	-3	a	...	...	50.209	+10.923	-5	m	...
...	43.129	+9.069	-5	...	...	...	46.296	+25.509	-5	m	...	...	50.223	-11.396	0.75	...	...
1851	...	...	...	...	...	1911	...	...	...	...	...	1971	...	...	...	...	...
...	+43.158	+57.983	-5	m	...	*	+46.319	+29.354	1.60	50.9830	9.0	...	+50.292	+25.184	0.95	...	...
...	43.161	+5.078	0.90	...	...	...	46.372	+2.764	0.85	...	...	...	50.536	+14.075	-5	m	...
...	43.256	+19.725	-1	...	...	...	46.596	-12.850	-5	...	...	...	50.575	+34.737	-1	...	...
...	43.259	-12.085	-5	...	...	...	46.639	+9.871	-2	...	...	...	50.682	+3.621	-5	m	...
...	43.316	-4.990	0.90	51.10161	10.0	...	46.640	+23.102	0.85	...	...	...	50.848	+26.148	-1	...	...
...	+43.361	+10.702	0.80	...	...	...	+46.923	-37.466	-3	...	...	...	+50.925	+28.149	-5	m	...
"	43.457	-42.784	0.85	51.10162	9.3	...	46.975	-19.203	-5	...	...	...	50.958	-45.477	-5	...	...
...	43.477	-45.366	-5	...	...	...	46.995	+10.698	-2	a	...	...	50.966	+29.657	-2	...	...
...	43.487	+16.122	0.70	...	...	...	47.090	+6.258	-5	m	...	...	51.066	-9.610	-5	...	...
...	43.632	+29.606	-5	m	...	†	47.093	+54.887	-4	...	...	...	51.096	-19.718	-5	p	...
1861	...	...	...	...	...	1921	...	...	...	...	...	1981	...	...	...	...	...
"	+43.648	-42.521	1.20	51.10162	9.3	...	+47.106	-1.369	-4	...	...	...	+51.105	-27.841	-5	p	...
*	43.699	+40.617	1.10	50.9826	9.5	...	47.336	-48.561	0.70	...	...	*	51.106	+35.294	1.00	...	...
...	43.701	+47.700	0.90	...	...	...	47.351	-14.329	0.80	...	...	...	51.162	+33.484	-5	m	...
...	43.738	+1.481	-5	m	...	...	47.379	+4.348	0.85	...	...	*	51.206	-10.996	1.00	51.10167	10.0
...	43.780	-29.096	-5	...	...	...	47.479	+55.847	-5	m	...	...	51.220	-36.985	-5	...	...
...	+43.949	+22.517	-5	m	...	*	+47.530	-0.821	1.30	50.9832	9.3	...	+51.320	+33.890	-5	m	...
...	43.953	-55.355	-5	...	...	...	47.574	+48.685	-5	m	...	...	51.321	-48.962	-5	...	...
...	44.023	+1.282	0.85	...	...	...	47.574	-12.033	-4	...	...	...	51.353	-7.448	1.00	...	...
...	44.131	+45.670	-3	...	...	...	47.627	+36.227	-4	m	...	...	51.358	+29.283	-4	...	...
...	44.239	-51.914	-5	...	...	...	47.634	+18.202	0.90	...	...	...	51.747	+4.356	0.85	...	...
1871	...	...	...	...	...	1931	...	...	...	...	...	1991	...	...	...	...	...
†	+44.430	-2.210	-2	...	...	...	+47.668	+25.825	-5	m	...	...	+51.838	+28.467	-5	m	...
†	44.506	-52.005	-3	...	...	*	47.783	-29.584	1.00	...	...	...	51.855	+4.628	-5	m	...
*	44.516	+47.413	1.15	50.9827	9.6	...	47.784	+11.540	1.00	...	...	...	51.873	-4.921	-5	...	...
†	44.526	-36.415	0.80	...	...	...	47.846	+19.447	-5	m	...	...	51.880	-7.529	-4	...	...
...	44.555	+12.811	0.65	...	...	...	47.868	-23.181	-5	p	...	...	51.936	-0.677	-5	...	...
*	+44.624	+28.409	0.95	...	...	...	+47.869	+54.088	1.00	50.9831	10.0	...	+51.954	+2.981	-5	m	...
...	44.637	+44.569	-5	m	...	...	47.896	-12.741	-5	...	...	e *	51.967	-57.316	1.05	51.10169	9.8
...	44.814	+18.144	-3	...	...	...	47.926	-6.194	-2	...	...	...	51.976	+17.055	-4	m	...
...	44.910	-6.536	-5	...	...	...	47.997	+45.796	-4	m	...	...	52.018	-28.949	0.95	e	...
...	44.913	+35.541	0.65	...	...	...	48.038	+59.661	-4	m	...	...	52.155	+27.970	-5	m	...
1881	...	...	...	...	...	1941	...	...	...	...	...	2001	...	...	...	...	...
...	+44.940	-54.236	-5	...	...	...	+48.061	-5.403	-2	...	...	...	+52.215	+44.676	-4	...	...
...	44.974	+53.483	-4	...	...	...	48.120	-23.177	-5	p	...	...	52.238	+50.784	-5	m	...
...	45.054	+12.696	-5	m	...	...	48.195	+5.707	-2	...	...	f *	52.279	-0.168	1.05	50.9834	9.2
...	45.055	-16.456	-2	...	...	*	48.332	-4.388	1.00	51.10165	10.0	*	52.285	+7.604	2.60	50.9833	8.5
...	45.061	+7.909	-3	...	...	...	48.453	+59.182	0.95	...	...	...	52.589	+19.259	-3	...	...
...	+45.079	+31.526	-3	c	...	...	+48.463	-23.511	-2	...	...	...	+52.709	-55.504	-1	e	...
...	45.119	-3.492	-5	p	...	...	48.479	+14.397	0.70	...	...	...	52.738	-58.171	-5	e	...
*	45.142	+24.360	1.60	50.9828	9.2	...	48.549	+15.800	-5	m	...	...	52.742	+31.493	-2	...	...
...	45.238	-6.737	0.70	...	...	*	48.587	+18.907	0.95	...	...	...	52.782	+1.645	-4	m	...
*	45.255	-10.270	1.00	51.10163	10.0	...	48.610	+40.041	-5	m	...	...	52.825	-11.015	-5	e	...

1857, 1861. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2011-2070						2071-2130						2131					
201I	+52.852	+4.763	-4	...	...	207I	+55.313	+53.937	1.30	50.9839	9.6	213I	+59.313	+54.644	1.20	50.9845	9.4
...	52.855	+33.046	-5	m	...	...	55.378	-44.099	-5	e	...	...	...	...	...	...	...
...	52.982	+56.061	-3	b	...	...	55.428	-31.817	-4	e	...	...	...	...	...	...	...
...	53.000	-45.339	-5	e	...	...	55.449	+16.589	-3	...	...	...	...	...	...	...	...
...	53.222	+1.694	-2	...	...	...	55.599	-47.894	-4	e	...	...	...	...	...	...	...
...	+53.301	+55.258	-4	...	...	...	+55.637	-38.879	-5	e	...	...	...	...	...	...	...
...	53.399	+14.002	-2	...	...	...	55.697	+12.669	-5	e	...	...	...	...	...	...	...
...	53.414	-54.460	-1	e	...	...	55.789	-3.652	-5	e	...	...	...	...	...	...	...
...	53.437	-8.747	-5	...	...	...	55.835	+18.676	1.00	...	...	...	...	...	...	...	...
...	53.459	-49.417	-5	...	...	...	55.843	-16.562	0.90	e	...	...	...	...	...	...	...
202I	+53.464	-10.323	-1	e	...	208I	+55.956	+12.127	-5	e	...	...	...	...	...	...	...
e *	53.531	-45.850	1.05	51.10170	9.8	...	56.089	+25.916	1.20	50.9840	9.3	...	...	...	...	...	...
...	53.606	+48.889	-5	...	...	...	56.211	-55.599	0.90	e	...	...	...	...	...	...	...
...	53.649	-54.992	-4	e	...	...	56.218	+43.018	0.95	...	...	...	...	...	...	...	...
S *	53.677	+24.212	2.25	50.9835	8.6	...	56.241	-51.480	-5	e	...	...	...	...	...	...	...
...	+53.720	-14.240	-5	...	...	...	+56.276	-14.585	-3	e	...	...	...	...	...	...	...
...	53.760	+18.561	-5	m	...	...	56.471	-59.427	-4	e	...	...	...	...	...	...	...
...	53.850	+56.437	-2	...	...	...	56.561	+50.797	1.30	50.9841	9.5	...	...	...	...	...	...
...	53.861	-13.719	0.70	e	...	...	56.634	+24.474	-5	m	...	...	...	...	...	...	...
...	53.968	+21.114	-5	e	...	...	56.767	+55.887	-5	m	...	...	...	...	...	...	...
203I	+53.969	-5.364	-1	e	...	209I	+56.828	+25.868	-5	e	...	...	...	...	...	...	...
...	54.001	-52.547	-5	e	...	...	56.970	-35.134	0.85	e	...	...	...	...	...	...	...
*	54.030	+15.685	0.95	...	...	...	56.994	+34.343	-4	...	...	...	...	...	...	...	...
...	54.036	-6.323	-4	e	...	...	56.996	+26.045	0.75	...	...	...	...	...	...	...	...
...	54.078	+27.250	-5	m	...	...	57.003	+23.635	1.00	...	...	...	...	...	...	...	...
*	+54.088	+9.575	3.10	50.9837	8.4	...	+57.116	+38.468	-4	e	...	...	...	...	...	...	...
...	54.101	+3.891	-5	e	...	...	57.128	-19.318	-4	e	...	...	...	...	...	...	...
...	54.124	-43.491	-4	e	...	...	57.164	+27.460	-4	e	...	...	...	...	...	...	...
...	54.249	+34.293	-5	m	...	...	57.385	-14.524	-3	e	...	...	...	...	...	...	...
...	54.251	-4.086	-5	e	...	...	57.409	+57.483	1.15	49.9759	9.7	...	...	...	...	...	...
204I	+54.252	+1.650	-5	e	...	210I	+57.434	-35.949	-5	p	...	...	...	...	...	...	...
†	54.317	+49.537	1.05	50.9836	9.7	...	57.476	-47.336	-5	e	...	...	...	...	...	...	...
...	54.354	-12.420	-5	e	...	...	57.605	+1.378	-4	...	...	...	...	...	...	...	...
...	54.497	+7.754	-5	e	...	...	57.609	-52.750	-5	e	...	...	...	...	...	...	...
e †	54.498	-21.134	0.90	51.10171	10.0	...	57.623	+16.172	-4	e	...	...	...	...	...	...	...
...	+54.513	+31.275	-5	m	...	...	+57.704	-32.776	-5	e	...	...	...	...	...	...	...
†	54.518	-42.732	-4	e	...	...	57.752	+39.826	-4	e	...	...	...	...	...	...	...
...	54.525	-7.505	-5	e	...	...	57.775	+54.332	1.20	50.9842	9.6	...	...	...	...	...	...
...	54.556	+28.900	-5	e	...	...	57.826	-20.832	0.85	e	...	...	...	...	...	...	...
...	54.605	+47.935	-4	m	...	...	57.897	+38.117	1.10	50.9843	9.9	...	...	...	...	...	...
205I	+54.640	-0.951	-5	e	...	211I	+58.099	+56.095	-5	m	...	...	...	...	...	...	...
...	54.673	+1.876	-4	e	...	...	58.137	+7.539	1.20	50.9844	9.5	...	...	...	...	...	...
...	54.678	-27.820	0.90	e	...	...	58.178	+46.625	0.85	...	...	...	...	...	...	...	...
...	54.861	-21.116	-5	e	...	...	58.242	+15.435	0.90	...	...	...	...	...	...	...	...
...	54.873	-16.038	-5	p	...	...	58.366	+27.229	1.00	...	...	...	...	...	...	...	...
...	+54.900	-13.641	0.75	e	...	...	+58.380	+21.857	-5	m	...	...	...	...	...	...	...
...	54.951	-27.135	0.65	e	...	...	58.445	-17.179	-5	e	...	...	...	...	...	...	...
...	55.025	+29.142	-4	e	...	...	58.514	-30.057	-5	e	...	...	...	...	...	...	...
...	55.044	-31.180	-5	e	...	...	58.734	-13.130	-5	e	...	...	...	...	...	...	...
*	55.048	+47.641	1.60	50.9838	9.0	...	58.825	-9.163	0.70	e	...	...	...	...	...	...	...
206I	+55.054	+39.745	-5	e	...	212I	+58.831	+3.953	-5	e	...	...	...	...	...	...	...
e *	55.145	-19.081	1.10	51.10172	9.8	...	58.841	-13.822	-5	p	...	...	...	...	...	...	...
...	55.150	-39.151	-3	e	...	...	58.924	+37.385	1.00	...	...	...	...	...	...	...	...
...	55.172	-14.476	-5	...	...	...	59.039	+0.555	0.70	...	...	...	...	...	...	...	...
...	55.220	-18.431	-4	e	...	...	59.103	+18.722	-3	...	...	...	...	...	...	...	...
...	+55.229	+6.342	-4	e	...	...	+59.183	-52.250	1.00	e	...	...	...	...	...	...	...
†	55.256	+59.728	1.30	49.9757	9.5	...	59.196	+6.784	-3	...	...	...	...	...	...	...	...
...	55.270	-56.311	-3	...	...	...	59.212	-44.771	0.90	e	...	...	...	...	...	...	...
e *	55.341	-56.261	1.40	51.10173	9.2	...	59.257	+24.593	-5	m	...	...	...	...	...	...	...
...	55.302	-29.302	0.80	e	...	...	59.270	+21.149	-4	m	...	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1-60						61-120						121-180					
I	-60.194	+47.540	1.80	50.9838	9.0	6I	-57.377	-3.682	-5	E	...	12I	-53.740	+50.515	-5	M	...
†	60.190	+53.837	1.70	50.9839	9.6	...	57.325	-18.476	-5	E	...	†	53.567	-29.950	-5	E	...
...	60.179	+20.992	-5	E	...	*	57.271	+23.627	1.00	...	...	...	53.554	-52.675	-5	E	...
...	60.138	+1.549	-3	...	...	...	57.265	+27.458	-4	E	...	*	53.473	-6.297	1.05	51.10174	9.7
*	60.109	-29.121	0.95	E	...	...	57.252	-27.181	-2	E	...	...	53.219	-21.177	-5	...	...
...	-60.047	-11.163	-4	E	...	†	-57.173	+39.839	-4	E	...	...	-53.188	+52.852	-5	M	...
...	59.915	+28.791	-5	E	...	...	57.154	-52.615	-5	E	...	S *	53.181	-6.869	1.10	51.10175	9.5
...	59.912	+15.566	0.90	...	...	...	57.034	-42.782	-4	E	...	...	53.007	-10.443	-1	...	...
...	59.845	+39.653	-5	E	...	...	57.019	+46.651	-2	...	...	*	52.992	+53.610	1.20	50.9848	9.5
...	59.797	+16.498	-4	M	...	...	56.996	-31.228	-4	E	...	...	52.989	+16.629	-5	M	...
II	-59.697	-11.215	-5	p	...	7I	-56.966	+38.140	1.10	50.9843	9.9	13I	-52.929	+33.553	-5	M	...
*	59.587	+9.465	2.20	50.9837	8.4	...	56.803	-29.334	0.80	E	...	*	52.850	+9.649	1.00	...	...
...	59.464	+29.057	-4	E	...	...	56.792	-16.582	0.80	E	...	*	52.794	+50.113	1.15	50.9849	9.8
...	59.412	-10.439	-2	E	...	...	56.695	+10.946	-5	M	...	...	52.786	-21.675	-1	...	...
...	59.343	+3.777	-5	E	...	...	56.573	-31.852	-4	E	...	...	52.680	+55.480	0.95	...	...
...	-59.145	+7.656	-5	E	...	...	-56.550	-39.185	-3	E	...	*	-52.656	+13.697	1.20	50.9846	9.4
...	59.109	-5.469	-2	E	...	...	56.546	-13.052	-5	p	...	...	52.622	-19.496	-5	...	...
...	59.102	+1.555	-5	E	...	...	56.441	-14.591	-3	E	...	...	52.598	+7.633	-4	M	...
...	59.009	-6.420	-3	E	...	...	56.353	+16.185	-4	E	...	...	52.595	+7.949	-5	M	...
E *	58.998	-57.457	1.30	51.10169	9.8	*	56.221	+54.699	1.30	50.9845	9.4	...	52.515	+56.787	-5	M	...
2I	-58.968	-53.069	-5	p	...	8I	-56.130	-44.110	-5	E	...	14I	-52.442	+17.840	1.05	50.9847	9.7
...	58.886	-4.168	-3	E	...	...	56.084	-38.899	-5	E	...	...	52.424	+13.234	0.70	...	...
...	58.884	-13.817	-2	E	...	*	56.058	+27.277	1.00	...	...	...	52.393	+54.731	-1	...	...
...	58.841	+42.967	-1	...	...	*	55.913	+37.443	0.95	...	...	...	52.292	+45.203	-5	M	...
*	58.821	+50.753	1.50	50.9841	9.5	...	55.762	-47.896	-4	E	...	...	52.269	-55.366	-5	p	...
...	-58.715	+1.787	-4	E	...	...	-55.761	+1.406	-4	...	...	...	-52.267	-44.632	0.90	E	...
...	58.636	-1.032	-5	E	...	...	55.689	+15.487	0.85	...	...	...	52.261	-8.460	-5	...	...
...	58.593	+2.278	-5	M	...	E *	55.659	-56.272	1.50	51.10173	9.2	...	52.239	+12.942	-3	...	...
...	58.536	+16.514	-4	...	...	...	55.619	+45.775	0.90	...	...	...	52.225	+6.446	-4	M	...
...	58.483	-7.587	-5	E	...	...	55.583	-6.700	-5	...	...	...	52.192	+35.326	-2	...	...
3I	-58.450	-45.434	-3	E	...	9I	-55.480	+7.588	1.20	50.9844	9.5	15I	-52.050	+45.870	-5	M	...
...	58.434	-12.504	-4	E	...	...	55.382	-19.281	-4	E	...	*	51.988	-52.096	0.95	E	...
...	58.356	-19.542	-5	...	...	...	55.341	+43.500	-5	M	...	...	51.923	+31.935	-5	M	...
...	58.345	-55.623	-3	E	...	...	55.331	-14.492	-4	E	...	...	51.814	+14.239	-5	M	...
...	58.332	+6.270	-4	E	...	...	55.062	+24.689	-4	M	...	*	51.810	+19.218	1.10	50.9850	9.6
*	-58.267	+25.867	1.40	50.9840	9.3	...	-54.982	-51.447	-5	E	...	...	-51.639	+45.549	-4	...	...
*	58.250	+57.471	1.10	49.9759	9.7	...	54.974	+18.809	-3	...	...	...	51.508	-0.474	-5	...	...
*	58.229	+18.623	1.00	...	...	...	54.908	-35.100	0.75	E	...	...	51.411	+6.345	-4	...	...
...	58.170	-58.291	-5	E	...	...	54.902	+21.250	-4	M	...	...	51.398	+43.055	-3	...	...
...	58.131	+12.618	-4	E	...	...	54.889	+48.985	-5	M	...	*	51.391	+42.093	1.20	50.9851	9.8
4I	-58.125	+11.949	-5	M	...	10I	-54.857	+21.959	-5	M	...	16I	-51.195	+9.397	0.70	...	...
E	57.947	-21.197	0.90	51.10171	10.0	...	54.838	+27.154	-5	M	...	...	51.157	+43.921	-5	M	...
E *	57.895	-45.936	1.10	51.10170	9.8	...	54.833	-55.554	0.95	E	...	...	51.097	+18.748	-5	M	...
...	57.849	-13.701	0.80	E	...	...	54.814	+42.210	-4	M	...	...	51.083	+12.552	-5	M	...
...	57.838	+12.089	-4	E	...	...	54.778	+22.035	-5	M	...	...	51.052	+12.630	-3	...	...
...	-57.791	-46.464	-5	...	...	...	-54.633	-20.757	0.70	E	...	...	-51.019	+52.454	0.80	...	...
...	57.752	+38.447	-4	E	...	...	54.625	+4.031	-5	E	...	...	50.988	+35.517	-5	M	...
*	57.733	+54.341	1.10	50.9842	9.6	...	54.612	+19.821	-4	M	...	...	50.968	+10.195	0.90	...	...
...	57.711	+34.324	-3	...	...	...	54.417	-59.386	-4	E	...	*	50.845	+49.126	1.20	50.9853	9.9
...	57.667	-54.555	-1	E	...	...	54.380	+6.884	-3	...	...	...	50.823	+32.045	-3	A	...
5I	-57.657	+24.458	-4	M	...	III	-54.352	+32.149	-4	M	...	17I	-50.577	+25.453	1.25	50.9852	9.5
...	57.589	-21.162	-5	E	...	...	54.297	+0.660	0.70	...	...	...	50.516	-51.605	-5	...	...
...	57.587	+43.630	-5	M	...	...	54.251	-32.709	-5	E	...	...	50.497	-5.862	-4	...	...
...	57.546	+25.861	-4	E	...	...	54.187	+40.407	-1	...	...	...	50.111	-44.279	0.85	...	...
...	57.494	-27.878	0.80	E	...	...	54.159	-17.089	-5	E	...	...	49.931	-46.993	-4	...	...
...	-57.418	-55.062	-3	E	...	...	-54.114	-9.063	0.65	E	...	*	-49.920	+32.529	1.00	50.9854	9.7
...	57.403	-43.564	-3	E	...	...	54.043	-13.027	-5	E	...	...	49.860	+55.482	-4	M	...
E *	57.389	-19.130	1.10	51.10172	9.8	...	54.031	+43.746	-5	M	...	...	49.788	+8.432	-3	M	...
...	57.379	+26.041	-1	...	...	...	53.920	+55.999	-5	M	...	...	49.578	-32.608	-1	...	...
...	57.377	-21.950	-5	p	...	...	53.911	-47.252	-5	E	...	...	40.506	-47.505	-3	...	...

MC measured from 1, 174, 373, 547, 706, 862, 1049, 1238, 1420, 1609, 1792, 1997.

C " " 95, 259, 453, 640, 789, 963, 1135, 1327, 1513, 1693, 1891, 2106.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
18I						24I						30I					
*	-49.472	-2.685	1.50	51.10176	9.3	...	-45.986	-30.424	-3	...	...	...	-43.599	+3.590	-4	°M	...
...	49.391	-20.332	-5	...	...	...	45.975	+10.659	-2	...	...	...	43.597	+46.510	0.75	...	...
*	49.386	+22.221	1.50	50.9855	9.2	...	45.846	+33.073	-2	...	...	...	43.585	-25.651	-3	...	...
...	49.383	-43.356	-4	...	...	...	45.838	-21.889	-3	...	...	...	43.573	+14.389	-5	M	...
...	49.364	+4.384	-1	...	...	...	45.836	-51.870	-5	p	...	...	43.550	-59.344	-4	...	...
...	-49.285	-32.716	-5	p	...	...	-45.810	-10.317	-4	...	...	...	-43.521	-35.851	-4	...	...
...	49.170	-0.466	-3	...	...	...	45.770	-28.431	0.85	...	...	...	43.490	-40.042	-5	p	...
...	49.146	+29.687	-4	M	...	...	45.687	-38.711	0.85	...	...	*	43.441	-0.750	1.30	50.9866	9.3
...	49.049	+39.494	-5	M	...	...	45.638	+16.047	-3	...	...	...	43.422	-30.445	0.90	...	...
...	49.001	+15.129	-4	M	...	...	45.630	+23.515	-5	M	...	...	43.356	+17.867	0.70	...	...
19I						25I						31I					
*	-48.979	+30.611	1.00	50.9857	9.9	...	-45.608	+32.729	-5	M	...	*	-43.174	-1.445	1.00	50.9868	9.9
...	48.972	+13.003	-3	...	...	*	45.591	+54.952	1.00	50.9864	9.9	...	43.121	+37.599	-4	...	...
*	48.865	+16.092	1.40	50.9856	9.4	...	45.533	+35.285	-4	M	...	...	43.097	-50.182	-5	p	...
...	48.808	-11.510	-4	...	...	...	45.399	-45.543	-4	...	...	...	43.079	+29.213	-5	M	...
...	48.728	+33.936	-5	M	...	...	45.390	-43.231	-3	...	...	...	42.956	-55.082	-5	p	...
...	-48.659	-49.671	-5	p	...	*	-45.374	-1.592	0.95	50.9862	10.0	...	-42.925	-2.628	-2	...	...
*	48.573	-39.547	0.95	...	...	...	45.357	+15.373	-4	M	...	...	42.922	+14.045	-4	M	...
...	48.449	-17.309	-5	p	...	...	45.290	+37.481	-4	M	...	*	42.830	+3.320	1.00	...	...
...	48.427	+38.281	-1	...	...	...	45.267	+58.812	-4	...	...	*	42.694	-12.796	1.00	51.1018	9.8
...	48.377	+36.168	-4	M	...	...	45.255	+55.724	-5	...	...	...	42.667	-32.161	-3	...	...
20I						26I						32I					
...	-48.330	+21.453	-4	M	...	...	-45.247	+33.719	1.90	50.9863	8.6	...	-42.645	+51.379	-5	M	...
...	48.324	-11.624	-3	...	...	...	45.221	+31.825	-1	...	...	...	42.568	-19.722	0.90	...	...
...	48.315	+1.129	-3	...	...	...	45.187	+57.354	-5	M	...	...	42.488	-0.866	0.70	...	...
*	47.822	+8.038	1.10	50.9858	9.8	*	45.074	+39.227	1.20	50.9865	9.4	...	42.358	+33.583	-5	M	...
...	47.673	+23.452	-2	...	...	...	45.040	-1.179	-4	...	...	...	42.342	-48.404	-5	...	...
*	-47.597	+6.489	1.00	50.9859	9.8	...	-44.998	+48.742	-4	M	...	...	-42.275	-20.540	0.80	...	...
...	47.562	-37.808	-4	...	...	...	44.914	-7.995	-5	p	...	*	42.219	+46.551	1.00	...	...
...	47.520	-44.170	-1	...	...	...	44.898	+19.886	-4	M	...	*	42.217	+12.582	1.25	50.9869	9.3
...	47.482	+1.179	-3	...	...	...	44.850	+3.342	-1	...	...	*	42.178	-13.399	1.40	51.10181	9.2
...	47.370	-5.358	-4	...	...	...	44.821	+46.179	-5	M	...	...	42.047	-57.819	0.90	...	...
21I						27I						33I					
...	-47.334	-16.126	-5	...	...	...	-44.796	-18.561	-5	...	...	...	-42.005	+30.514	0.75	...	...
...	47.144	+6.760	-2	...	...	...	44.755	-44.218	-5	...	...	...	41.997	+38.274	-5	M	...
*	47.090	+45.704	1.10	50.9860	9.9	...	44.750	+17.897	-4	...	...	...	41.888	+23.487	-4	M	...
...	47.079	+27.482	-5	M	...	...	44.712	-49.655	-5	p	...	...	41.856	+2.590	-5	M	...
...	47.010	-32.183	0.90	...	...	...	44.662	+27.406	-4	...	...	...	41.812	-44.825	-2	...	...
...	-46.999	-19.030	0.75	...	...	...	-44.655	+45.700	-4	M	...	...	-41.805	-48.995	-1	...	...
...	46.995	+3.002	0.80	...	...	*	44.480	+19.008	1.00	...	...	...	41.750	+44.065	0.90	...	...
...	46.910	-20.656	-4	...	...	...	44.465	-25.942	-3	...	...	...	41.732	+40.477	-4	M	...
...	46.895	+51.289	-5	M	...	...	44.435	-10.263	-4	...	...	...	41.613	+49.894	-3	...	...
...	46.865	-47.083	0.90	...	...	*	44.419	-7.475	0.95	...	...	...	41.558	+7.306	-5	M	...
22I						28I						34I					
...	-46.852	+14.470	-3	M	...	...	-44.402	-49.577	-4	...	...	...	-41.554	+4.223	0.70	...	...
*	46.755	-42.588	1.00	...	...	...	44.347	-58.345	-5	...	...	...	41.482	-9.712	-5	...	...
...	46.740	+46.950	0.95	...	...	...	44.309	+12.441	-3	...	...	...	41.427	+28.299	-4	M	...
...	46.738	-39.310	-4	...	...	...	44.253	+36.288	-2	...	...	...	41.422	-53.484	-5	...	...
...	46.675	+34.119	-4	M	...	...	44.234	-16.738	-4	...	...	*	41.350	+56.903	1.20	50.9870	9.6
...	-46.674	+24.659	0.85	...	...	...	-44.233	+50.438	-4	M	...	*	-41.302	-40.561	1.05	51.10182	9.9
...	46.553	-3.592	-4	...	...	...	44.171	-46.692	-3	...	...	*	41.294	-26.518	1.00	51.10183	9.7
...	46.550	+38.934	0.95	...	...	...	44.162	-44.630	-5	...	...	...	41.226	-26.472	0.65	...	...
*	46.542	-48.053	1.40	51.10177	9.5	...	44.132	-0.889	-5	...	...	...	41.190	+48.578	-5	M	...
*	46.497	+33.708	2.40	50.9861	8.3	...	44.108	-10.943	-5	...	...	...	41.155	+8.675	-5	M	...
23I						29I						35I					
...	-46.460	+50.373	-4	M	...	...	-43.951	-36.306	-4	...	...	...	-41.153	+7.929	0.70	...	...
...	46.357	+0.850	-5	M	...	...	43.915	+56.189	0.90	...	...	...	41.124	+31.222	-5	M	...
...	46.354	+5.626	-4	...	...	*	43.863	+27.796	1.00	50.9867	9.9	...	41.102	+1.717	-5	M	...
*	46.215	-59.409	0.95	51.10178	10.0	*	43.841	-19.203	1.00	51.10179	9.9	...	41.087	-36.772	0.65	...	...
...	46.174	-4.176	-4	...	...	...	43.825	+31.624	-5	M	...	...	41.078	+47.822	0.75	...	...
...	-46.133	-13.196	-5	...	...	...	-43.816	-36.178	-5	...	...	...	-41.063	+34.647	-5	M	...
...	46.123	-48.966	-4	...	...	...	43.740	-55.828	-3	...	...	...	41.062	+49.450	-5	M	...
...	46.102	+15.402	-4	M	...	...	43.704	-0.694	-4	...	...	*	41.061	-34.782	1.15	51.10184	9.5
...	46.022	-15.664	0.80	...	...	...	43.660	-40.140	-5	...	...	...	41.051	-59.170	-5	...	...
...	46.014	-35.897	-3	...	...	...	43.642	+32.591	-5	...	...	...	41.030	+28.849	-5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-420						421-480						481-540					
36I	-41°002	+3°817	0.65	...	...	42I	-37°582	-9°242	-5	p	...	48I	-33°646	-5°931	-5	...	...
...	40°866	-18°584	-5	...	...	†	37°451	+54°836	-5	M	...	...	33°563	-39°124	-5	...	...
...	40°799	-1°060	-4	...	...	*	37°278	-18°717	0.95	51.10188	10.0	...	33°529	+32°413	-5	M	...
...	40°778	-40°188	-4	...	...	...	37°171	+14°246	-3	...	...	...	33°412	-50°620	0.70	...	...
*	40°756	-45°634	3.20	51.10185	7.8	...	37°130	-44°716	-2	...	...	...	33°389	-51°897	-5	...	...
...	-40°616	+18°985	-5	M	...	...	-37°081	-8°044	-5	p	...	...	-33°388	+31°757	-4	...	...
...	40°609	+26°045	-5	M	...	...	36°986	-58°573	-2	...	...	...	33°297	-23°450	-5	p	...
...	40°499	-36°667	-5	...	...	...	36°911	-33°247	-5	...	...	...	33°254	-35°137	-5	...	...
...	40°400	-29°197	-5	...	...	...	36°840	-57°808	1.00	51.10187	10.0	...	33°223	+26°291	-5	M	...
†	40°391	-54°844	-5	p	...	...	36°808	+27°769	-3	...	...	...	33°215	-19°152	-5	p	...
37I	...	...	...	...	...	43I	...	...	...	...	...	49I	...	...	...	...	...
†	-40°313	-19°575	-2	...	...	...	-36°751	-52°004	-5	p	...	...	-33°163	-14°633	-2	...	...
†	40°279	-18°635	-5	...	...	...	36°717	+35°937	-4	M	...	...	33°152	+49°622	-4	M	...
†	40°247	+12°771	-4	M	...	...	36°683	-24°901	-5	...	...	...	33°074	+1°900	-5	M	...
...	40°183	-1°410	-5	p	...	...	36°681	+39°555	-2	A	...	...	33°044	+21°909	-5	M	...
...	40°090	+54°743	-2	...	...	...	36°597	-40°191	-5	p	...	...	32°888	+7°683	-5	M	...
...	-40°067	+12°893	-5	M	...	*	-36°559	-56°228	1.70	51.10189	9.0	...	-32°842	+13°473	0.90	...	...
...	40°009	-16°458	-4	p	...	...	36°404	-37°096	-5	p	...	...	33°812	-12°722	-3	...	...
...	39°866	+17°301	-3	...	...	...	36°331	+19°059	0.90	...	...	...	32°786	+33°642	0.80	...	...
...	39°850	-10°138	-2	...	...	...	36°193	+38°720	-4	M	...	...	32°781	+30°223	-5	M	...
...	39°822	-36°417	-1	...	...	...	36°120	-24°168	-3	...	...	...	32°758	+30°756	-5	M	...
38I	...	...	...	...	...	44I	...	...	...	...	...	50I	...	...	...	...	...
...	-39°768	-13°545	-5	p	...	...	-36°076	+11°708	-4	M	...	...	-32°647	+21°980	-5	M	...
...	39°738	+1°847	-5	M	...	...	36°035	+48°152	0.90	...	...	...	32°632	-44°067	-5	p	...
...	39°644	-49°567	-4	...	...	...	36°023	+12°674	-5	M	...	...	32°550	-18°042	-5	...	...
...	39°631	+10°416	-4	...	...	...	35°851	-54°190	0.90	...	...	...	32°440	+27°022	-4	...	...
...	39°591	+59°500	-5	M	...	...	35°830	-32°511	-5	p	...	...	32°372	+48°172	-4	M	...
...	-39°552	-32°544	-4	...	...	...	-35°799	-38°690	-4	...	...	...	-32°358	-10°706	-4	...	...
...	39°523	-3°273	-5	...	...	...	35°762	-31°869	-5	p	...	...	32°287	-53°666	-5	...	...
...	39°327	+18°575	-5	M	...	...	35°673	+7°943	-5	M	...	...	32°277	-57°623	-5	...	...
...	39°320	+27°392	0.85	...	...	*	35°668	+14°067	1.20	50.9873	9.4	...	32°208	-1°096	-4	...	...
...	39°097	-13°049	-5	p	...	*	35°587	+46°378	1.20	50.9875	9.7	...	32°162	+7°461	-5	M	...
39I	...	...	...	...	...	45I	...	...	...	...	...	51I	...	...	...	...	...
...	-38°962	+28°875	-3	M	...	...	-35°433	+23°305	-3	M	...	...	-32°157	-50°815	0.75	...	...
...	38°914	+20°951	-4	M	...	...	35°373	-41°132	-5	p	...	...	32°120	-40°591	-5	...	...
...	38°876	-15°712	-2	...	...	...	35°218	+28°911	-3	...	...	*	32°076	-57°244	1.10	51.10191	9.9
*	38°858	-52°083	1.80	51.10186	9.0	...	35°176	+30°462	-5	M	...	...	32°031	-39°104	-5	...	...
...	38°841	+55°184	-1	...	...	...	35°166	+13°925	-5	M	...	...	31°996	-24°639	-5	...	...
...	-38°777	+33°364	-5	M	...	...	-35°145	-0°686	0.85	...	...	...	-31°939	+56°087	-5	M	...
...	38°761	-3°141	-5	...	...	*	35°108	+23°753	1.00	50.9874	10.0	...	31°924	-47°414	-5	...	...
...	38°728	+37°225	-3	...	...	...	35°093	-7°399	-5	...	...	...	31°792	+29°297	-5	M	...
...	38°653	+3°127	-5	M	...	...	35°088	-4°350	-5	...	...	...	31°786	+25°218	-5	M	...
...	38°644	-47°843	-5	...	...	...	35°030	-10°273	-5	...	...	*	31°778	-29°041	1.00	51.10192	10.0
40I	...	...	...	...	...	46I	...	...	...	...	...	52I	...	...	...	...	...
...	-38°519	-31°704	-5	...	...	...	+35°009	+9°499	-5	M	...	...	-31°698	+16°256	0.90	...	...
...	38°514	+37°743	-4	M	...	*	34°997	+40°079	1.35	50.9876	9.4	...	31°648	-49°387	-4	...	...
...	38°443	+32°699	-5	M	...	...	34°922	+18°536	0.85	...	...	...	31°585	-54°082	-4	...	...
...	38°430	+37°489	-4	M	...	...	34°856	+56°635	-5	M	...	...	31°559	+39°107	-3	...	...
...	38°337	-39°726	-4	...	...	...	34°771	-14°452	-5	...	...	...	31°195	-38°873	-4	...	...
...	-38°318	-52°672	-4	...	...	...	-34°671	+34°765	-3	...	...	...	-31°191	+58°294	-3	...	...
...	38°307	-38°450	-2	...	...	...	34°503	-25°898	-5	...	...	...	31°188	+43°908	-2	...	...
...	38°296	+53°134	-5	M	...	...	34°472	+35°929	0.70	...	...	...	31°181	-54°266	-3	...	...
...	38°239	+43°693	-5	M	...	*	34°281	+7°302	1.15	50.9877	9.7	...	31°142	+41°171	-4	M	...
...	38°217	-10°200	-5	p	...	...	34°179	-47°833	0.75	...	...	53I	31°117	+54°559	-4	M	...
41I	...	...	...	...	...	47I	...	...	...	...	...	...	...	...	...	...	...
...	-38°215	+35°330	-3	...	...	...	-34°167	+33°330	0.80	...	...	...	-31°040	+8°262	-4	...	...
...	38°206	+37°624	0.90	...	...	...	34°159	-21°747	0.70	...	...	...	31°033	-23°336	-5	...	...
...	38°127	-28°717	-2	...	...	*	34°132	+14°058	1.40	50.9878	8.9	...	30°960	-59°494	-5	...	...
S *	38°102	+2°055	1.30	50.9871	9.3	...	34°129	+49°565	-5	M	...	...	30°894	+39°424	-1	...	...
...	38°031	-10°904	-2	...	...	...	33°936	-45°823	-4	...	...	†	30°750	-39°873	-4	...	...
...	-37°932	+50°713	-5	M	...	...	-33°859	+57°783	-5	M	...	†	-30°722	-49°910	-2	...	...
*	37°931	-0°629	1.00	50.9872	9.8	...	33°815	-36°444	-5	...	...	...	30°706	-38°403	-5	...	...
...	37°715	+13°622	-5	M	...	...	33°797	-6°779	-5	...	...	...	30°658	-36°794	-5	...	...
...	37°702	-58°665	-5	...	...	S *	33°769	-44°759	2.20	51.10190	8.2	...	30°621	-31°587	-5	p	...
...	37°602	+15°048	-1	...	...	...	33°728	+3°112	-5	M	...	...	30°600	+47°888	-3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.	
540-600						601-660						661-720						
54I	-30.599	+17.305	1.10	50.9879	10.0	60I	-27.462	+9.431	0.70	...	...	66I	-23.553	-7.731	-5	...	...	
...	30.566	+54.459	-4	...	...	...	27.419	+44.010	-3	M	...	...	...	23.457	-34.116	-5	p	...
...	30.472	+0.642	-5	M	...	...	27.392	+33.347	0.80	...	...	...	...	23.337	-33.360	-4	...	...
*	30.464	+28.161	1.20	50.9880	9.3	...	27.331	-6.696	-5	...	...	...	...	23.256	-28.118	-2	...	...
...	30.426	-11.385	0.70	...	...	...	27.260	+29.675	-4	M	...	...	...	23.150	+56.886	-5	M	...
...	-30.378	-45.271	-4	...	...	...	27.197	+23.992	-4	...	...	...	...	23.138	+49.798	-3	...	...
...	30.200	-27.132	-5	...	...	*	27.143	+4.013	1.40	50.9882	9.4	*	23.049	+2.506	1.40	50.9886	9.0	
...	30.197	-21.127	-1	...	...	...	27.130	+14.172	-3	M	...	...	...	23.003	+15.604	-3	...	...
...	30.100	+12.391	0.75	...	...	...	27.070	-31.501	-4	...	...	...	...	22.913	-46.622	-5	...	...
...	30.076	+35.737	-5	M	...	...	27.066	+30.642	-5	M	...	...	...	22.859	-19.021	-5	...	...
55I	-30.039	+51.381	-4	M	...	61I	-27.035	-37.815	-3	...	...	67I	-22.815	-43.924	0.65	...	...	
...	30.015	-6.501	1.00	...	...	...	27.000	-29.242	-3	...	...	...	...	22.806	+42.255	1.25	50.9887	9.4
...	29.987	+54.462	-4	M	...	...	26.984	-19.331	0.90	51.10196	10.0	...	...	22.716	-17.708	-5	...	...
...	29.943	+5.758	-4	...	...	...	26.953	+9.392	-4	M	...	...	...	22.541	-10.612	-5	p	...
...	29.874	+1.020	-5	M	...	...	26.919	+39.102	-4	M	...	...	...	22.490	+53.213	-5	M	...
...	-29.834	+55.914	0.90	...	...	...	-26.903	-52.816	-3	...	...	...	...	-22.482	-28.104	-4	...	...
...	29.769	+27.112	0.75	...	...	...	26.902	+52.130	-3	...	...	...	...	22.467	-58.010	0.90	...	...
*	29.737	-49.504	1.10	51.10193	9.8	...	26.798	-11.232	-5	p	...	...	...	22.357	+51.618	-5	M	...
...	29.716	+51.770	-4	M	...	...	26.778	-49.372	-2	...	...	...	...	22.074	-25.347	1.00	51.10200	10.0
...	29.658	+53.464	-4	M	...	*	26.740	+16.514	1.10	50.9883	9.9	...	...	21.999	-42.704	-5	p	...
56I	-29.646	-8.506	0.90	...	...	62I	-26.651	+29.552	-4	M	...	68I	-21.945	-51.304	-5	...	...	
...	29.562	-12.892	-2	...	...	...	26.642	-42.161	-5	p	...	...	...	21.876	-52.435	-4	...	...
...	29.521	+52.988	-4	M	...	...	26.545	-28.583	-5	...	...	...	...	21.862	+39.558	-5	...	...
...	29.469	-58.814	-5	p	...	*	26.533	-55.514	1.60	51.10195	9.2	...	...	21.780	+59.484	-5	M	...
...	29.455	+6.167	-4	M	...	...	26.333	+24.757	-4	M	...	...	...	21.763	+13.566	-2	...	...
...	-29.423	+9.003	-5	M	...	...	-26.278	+27.744	0.65	...	...	...	...	-21.709	+46.031	-5	...	...
...	29.404	+0.923	-2	...	...	...	26.196	+41.357	-3	...	...	*	...	21.543	-42.537	1.20	51.10201	9.8
...	29.359	-17.879	-3	...	...	...	26.187	-31.946	0.85	...	...	...	...	21.542	+26.471	0.80	50.9888	10.0
...	29.282	-38.409	-3	...	...	...	26.113	-10.811	-5	...	...	...	...	21.523	-39.741	-5	...	...
...	29.177	-4.756	-4	...	...	*	25.879	-59.210	1.30	51.10197	9.4	...	...	21.456	-21.232	-5	p	...
57I	-28.963	-0.477	-3	...	...	63I	-25.849	+29.500	1.00	50.9884	10.0	69I	-21.417	-49.498	0.80	...	...	
...	28.920	-14.243	-2	...	...	*	25.761	-27.649	-2	...	...	...	...	21.270	-47.414	-3	...	...
...	28.870	-16.426	-3	...	...	...	25.732	+36.134	-3	M	...	...	*	21.171	-20.374	1.10	51.10202	9.6
...	28.844	-30.271	-4	...	...	...	25.677	+35.623	-3	...	...	...	...	21.000	+1.448	-5	...	...
...	28.844	+6.681	-3	...	...	...	25.549	-0.757	-5	...	...	...	...	20.868	-42.526	0.85	51.10203	10.0
...	-28.822	+32.402	-5	M	...	...	-25.526	+31.109	-5	M	...	...	...	-20.857	-9.475	-5	...	...
*	28.666	-17.985	0.95	...	...	...	25.498	-43.089	-3	...	...	...	...	20.829	+7.914	0.70	...	...
...	28.360	+55.547	-3	...	...	...	25.411	+56.883	-1	...	...	...	...	20.813	-6.623	-5	...	...
...	28.340	-33.072	0.85	...	...	...	25.332	+8.372	-5	...	...	...	...	20.800	-51.842	-4	...	...
...	28.327	-58.359	-5	...	...	...	25.266	-45.235	-5	...	...	...	...	20.780	+58.750	-3	...	...
58I	-28.306	+45.645	-5	M	...	64I	-25.035	-5.930	1.25	51.10199	9.5	70I	-20.753	-42.602	-2	...	...	
...	28.288	+0.280	-2	...	...	*	24.954	-48.620	2.70	51.10198	8.4	...	...	20.619	+13.450	-2	...	...
*	28.242	+50.272	0.95	50.9881	10.0	...	24.857	+4.542	-5	...	...	...	...	20.508	+28.223	-5	M	...
...	28.239	+2.812	-5	M	...	...	24.498	-54.659	-5	...	...	...	*	20.474	-26.726	1.00	51.10204	10.0
...	28.237	+34.340	-5	M	...	...	24.482	+38.678	-5	M	...	...	...	20.347	+37.284	-4	...	...
...	-28.208	-15.730	-4	...	...	...	-24.463	+58.372	-5	M	...	...	...	-20.255	+4.437	-4	M	...
...	28.206	+53.666	-3	...	...	*	24.178	-35.548	0.95	...	...	...	...	20.245	-51.713	-4	...	...
...	28.067	+5.203	0.85	...	...	...	24.165	+54.987	-5	M	...	...	...	20.231	-38.462	-1	...	...
...	27.940	+58.016	-2	...	...	...	24.015	+50.325	-5	M	...	...	...	20.210	-46.555	-5	...	...
...	27.913	+52.064	-5	M	...	...	24.008	-21.850	-3	...	...	...	*	20.087	-54.736	1.00	51.10205	10.0
59I	-27.821	-55.199	-4	...	...	65I	-23.977	-6.284	-4	...	...	71I	-19.956	-46.503	-1	...	...	
...	27.809	-13.087	-5	...	...	...	23.898	+17.547	0.65	...	...	...	...	19.917	+3.937	-4	...	...
...	27.806	+40.769	-3	...	...	...	23.883	+35.720	-3	...	...	...	...	19.845	+35.422	-4	M	...
...	27.786	-44.921	1.00	51.10194	10.0	...	23.868	-50.089	-4	...	...	...	...	19.826	-28.115	-2	...	...
...	27.712	-8.680	-5	...	...	...	23.801	+53.441	-1	...	...	...	...	19.737	+34.307	-5	M	...
...	-27.673	+49.709	-5	M	...	...	-23.791	-44.810	-4	...	...	...	...	-19.646	+16.704	-4	...	...
...	27.666	-54.730	-2	...	...	*	23.736	+57.590	1.50	50.9885	9.0	...	...	19.583	-22.032	-2	...	...
...	27.660	+17.243	-3	...	...	...	23.656	+27.694	-3	...	...	...	...	19.395	+6.572	-4	M	...
...	27.507	+31.951	-3	M	...	...	23.565	-14.719	-3	...	...	...	...	19.381	-16.025	-5	p	...
...	27.490	-14.659	-4	...	...	...	23.561	+37.534	-5	M	...	...	...	19.339	-42.871	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	s.	y.		No.	Mag.		s.	y.		No.	Mag.		s.	y.		No.	Mag.
721-780						781-840						841-900					
72I	-19'335	+53'219	-5	M	...	78I	-15'755	-56'872	-5	p	...	84I	-11'819	+36'640	-5	M	...
...	19'255	-59'327	-5	...	...	...	15'748	+45'479	-3	...	...	...	11'762	+42'118	0.95	50.9893	10.0
...	19'044	-59'572	-5	...	...	*	15'703	-58'515	1.00	51.10208	9.8	...	11'747	+34'997	0.90	...	...
...	18'962	+49'618	-3	...	...	...	15'600	-22'329	-1	...	...	...	11'725	+20'964	-5	M	...
...	18'847	-34'179	0.80	...	...	...	15'590	+45'256	-4	M	...	*	11'676	+15'102	1.00	50.9892	10.0
...	-18'838	-27'648	-4	...	...	...	-15'510	+55'311	-3	...	...	...	-11'627	-18'998	-5	...	...
...	18'825	-34'573	-3	...	...	...	15'509	+36'303	-4	M	...	...	11'521	+57'016	-5	...	...
...	18'752	-31'254	-4	...	...	...	15'403	-38'024	-4	...	...	...	11'471	-59'321	-3	...	...
...	18'748	+36'855	-4	M	...	†	15'299	-51'864	0.90	...	...	...	11'374	-49'625	-4	...	...
...	18'717	+23'492	-4	...	...	†	15'293	-56'831	0.80	...	...	...	11'200	+27'479	-5	M	...
73I	-18'698	+44'957	-5	M	...	79I	-15'289	+12'013	-5	M	...	85I	-11'162	-24'988	-5	...	...
...	18'693	-38'491	-4	...	...	†	15'282	-38'053	-2	...	...	†	11'097	+32'422	0.85	...	...
...	18'643	+20'880	-2	...	...	...	15'217	+22'081	-2	...	...	...	11'027	+37'977	0.70	...	...
...	18'595	+53'141	-5	M	...	...	15'134	+46'592	-4	M	...	*	10'906	+9'113	1.10	50.9894	9.8
...	18'546	-0'082	-4	...	...	...	15'122	+33'442	-2	...	...	...	10'860	-18'799	-5	...	...
...	-18'510	+47'264	-5	M	...	*	-15'115	+30'527	1.25	50.9890	9.5	...	-10'809	+56'160	-2	...	...
...	18'462	-52'017	-3	...	...	...	15'069	-45'110	-4	...	...	...	10'790	+14'105	-3	...	...
...	18'337	-50'525	-5	...	...	...	15'053	-16'431	-1	...	...	...	10'772	-12'733	-5	...	...
...	18'311	+23'004	-1	...	...	...	15'010	-46'977	-5	...	...	...	10'752	+17'108	-4	...	...
...	18'306	+7'227	-5	...	...	...	14'959	-37'552	-5	...	...	...	10'490	+37'613	-3	...	...
74I	-18'227	-4'041	-4	...	...	80I	-14'907	-46'518	-5	p	...	86I	-10'432	-20'657	1.00	51.10211	9.7
...	18'137	+9'647	0.80	...	...	...	14'577	+39'410	-5	M	...	†	10'338	-25'846	-2	...	...
...	18'115	-47'933	-4	...	...	...	14'509	+30'793	0.90	...	...	...	10'208	-21'905	-4	...	...
...	17'923	-43'573	-5	...	...	...	14'450	-39'729	-5	...	...	*	10'201	-35'813	1.40	51.10212	9.3
...	17'918	+29'235	-3	...	...	...	14'353	-15'575	-5	...	...	...	10'168	-33'084	-4	...	...
...	-17'852	-42'460	-5	...	...	...	-14'225	+37'634	-1	...	...	...	-10'120	+30'738	-3	...	...
...	17'815	+49'694	-4	M	...	...	14'103	+59'001	-4	M	...	*	9'962	+20'994	1.00	50.9895	9.8
...	17'754	-54'434	-3	...	...	...	14'069	+25'410	-5	M	...	...	9'879	+55'828	-4	...	...
*	17'733	+54'297	1.00	50.9889	10.0	...	14'063	-3'877	-4	...	...	...	9'796	+12'743	-5	M	...
...	17'717	-26'554	-1	...	...	...	14'011	+51'114	-2	...	...	*	9'763	+11'516	1.00	50.9896	9.8
75I	-17'692	-11'963	-5	...	...	81I	-13'883	+42'360	-4	...	...	87I	-9'737	+49'956	-4	...	...
...	17'678	+18'678	-5	M	...	...	13'803	-44'992	-5	...	...	...	9'727	-59'335	-3	...	...
*	17'649	+40'158	0.95	...	...	...	13'746	-53'472	-5	p	...	...	9'608	-14'232	-5	p	...
...	17'648	+27'132	-2	...	...	...	13'741	-37'344	0.80	...	...	...	9'462	-43'633	-4	...	...
...	17'634	-52'309	-3	...	...	...	13'671	-14'211	-3	...	...	...	9'433	-32'103	-5	p	...
...	-17'531	-19'437	-5	...	...	...	-13'644	-40'401	-3	...	...	...	-9'392	+49'115	-5	M	...
...	17'499	-43'615	-1	...	...	*	13'614	+43'582	0.90	...	...	...	9'271	-22'219	-4	...	...
...	17'464	-22'347	-5	p	...	...	13'521	-31'714	-3	...	...	*	9'266	-48'828	1.00	51.10213	9.7
...	17'399	-18'582	-3	...	...	...	13'452	-42'825	-5	...	...	...	9'263	+28'641	-5	M	...
...	17'123	+51'541	-3	...	...	...	13'418	+36'985	-5	M	...	...	9'247	-35'655	-4	...	...
76I	-17'048	-59'789	0.95	...	...	82I	-13'417	+16'726	-5	M	...	88I	-9'227	+42'171	-3	...	...
†	17'030	-18'552	-3	...	...	...	13'200	-14'903	-5	...	...	...	9'214	-0'416	-3	...	...
...	17'009	-31'245	-4	...	...	...	13'171	-44'670	0.65	...	...	...	9'072	+31'458	-3	...	...
*	16'999	-5'393	1.40	51.10206	9.6	...	13'169	-2'325	-1	...	...	...	9'026	-50'489	-4	...	...
...	16'915	-52'301	-4	...	...	...	13'158	+22'608	-4	M	...	...	9'023	+45'581	-4	M	...
...	-16'892	-58'909	-5	...	...	...	-13'078	+48'100	0.75	...	...	...	-8'912	+36'316	-2	...	...
...	16'856	+25'607	-4	M	...	*	13'077	-44'565	1.40	51.10209	9.0	...	8'894	+53'462	-3	...	...
...	16'855	+49'034	-3	M	...	...	12'928	+42'385	-2	...	...	...	8'891	-32'909	-5	...	...
...	16'833	-28'163	-4	...	...	*	12'771	+45'942	1.20	50.9891	9.5	...	8'654	-37'008	-1	...	...
*	16'725	-10'319	1.00	51.10207	9.8	...	12'721	+1'238	-5	M	...	...	8'635	-13'441	-5	p	...
77I	-16'688	-30'842	-4	...	...	83I	-12'583	-45'706	1.00	51.10210	9.9	89I	-8'574	+2'390	1.00	50.9897	9.9
...	16'647	+48'571	1.00	...	...	*	12'541	-10'083	-5	...	...	*	8'548	-44'097	-4	...	...
*	16'601	+23'995	-4	M	...	...	12'504	-58'881	-5	...	...	...	8'492	-44'586	-3	...	...
...	16'449	-36'878	-5	...	...	...	12'278	-42'205	-4	...	...	...	8'483	+42'392	-5	M	...
...	16'346	+52'565	-4	M	...	...	12'215	+54'816	-3	...	...	...	8'385	+9'028	-3	...	...
...	-16'259	+53'393	-3	...	...	†	-12'123	-48'334	-4	...	...	...	-8'380	+1'946	0.80	...	...
...	16'178	-25'801	-2	...	...	...	12'022	-33'789	-5	...	...	...	8'199	+15'336	-5	M	...
...	16'128	+45'843	-4	M	...	...	12'000	+9'822	-5	M	...	...	8'166	-6'084	0.90	51.10214	10.0
...	15'918	+5'095	-5	M	...	...	11'895	+57'495	-2	...	...	...	8'129	-54'495	-1	...	...
...	15'891	-50'109	-3	...	...	...	11'861	+33'876	-5	M	...	†	8'108	+34'847	1.20	50.9898	9.5

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
901-960						961-1020						1021-1080					
90I	-8.09I	+35.775	-5	M	...	96I	-5.458	+41.834	-5	M	...	102I	-2.140	-49.206	0.80	...	...
...	8.076	-17.737	-5	p	...	...	5.453	+13.516	0.95	50.9903	10.0	...	1.932	-8.994	-4	...	...
...	7.972	-57.143	-5	p	...	...	5.307	-12.117	0.95	51.10220	9.8	*	1.931	+16.965	0.95	50.9906	10.0
...	7.909	-18.397	-5	...	...	...	5.228	-26.268	-3	...	...	...	1.908	-32.993	-4	...	...
*	7.875	-35.320	1.10	51.10215	9.9	...	5.203	-51.513	-5	...	...	...	1.904	+41.431	-3	...	...
...	-7.841	-40.829	-3	...	...	...	-5.164	+53.902	-5	M	...	...	-1.824	-29.054	-2	...	...
...	7.735	-41.399	-4	p	...	*	5.147	-50.841	1.35	51.10219	9.4	...	1.801	+18.395	-5	Mm	...
...	7.734	-8.620	-4	...	...	...	5.090	+10.154	-4	...	...	...	1.779	-58.764	0.85	...	...
...	7.673	-53.623	-5	p	...	...	5.057	-35.597	-3	...	...	...	1.639	-45.970	-5	p	...
...	7.672	+48.694	-4	...	...	...	5.049	+8.554	-5	M	...	*	1.634	+20.787	1.60	50.9907	9.1
91I	-7.592	+17.781	-1	...	...	97I	-4.934	-42.652	1.80	51.10221	9.0	103I	-1.494	+26.510	-5	...	...
...	7.579	-29.519	-5	...	...	S *	4.907	+39.462	0.70	...	...	...	1.475	+25.749	-5	Mm	...
...	7.541	-31.788	-4	...	...	...	4.843	-53.761	-4	...	...	...	1.458	-54.658	-3	...	...
...	7.503	+8.286	-2	...	...	...	4.752	+21.022	-4	...	...	...	1.426	+37.503	-5	Mm	...
...	7.463	+11.371	-4	...	...	...	4.668	-48.691	-5	...	...	...	1.240	-13.124	-5	p	...
...	-7.429	+50.439	-4	...	...	...	-4.643	+9.766	-4	...	...	...	-1.216	+49.632	-5	Mm	...
...	7.360	-12.875	-3	...	...	...	4.613	+20.320	1.00	50.9904	10.0	...	1.156	-48.852	-3	...	...
...	7.352	+47.683	-3	...	...	...	4.598	+35.521	-3	...	...	...	1.011	-38.797	-5	...	...
...	7.299	-59.615	-3	...	...	*	4.596	-27.382	1.10	51.10222	9.9	...	0.865	+48.067	-5	Mm	...
...	7.256	-38.196	-2	...	...	...	4.585	-0.590	0.70	...	...	...	0.829	+58.157	-4	...	...
92I	-7.184	+41.472	-5	M	...	98I	-4.432	-4.986	-5	...	...	104I	-0.821	-26.780	-4	...	...
...	7.110	+38.744	-5	M	...	...	4.411	-13.655	-5	...	...	...	0.782	+30.149	-5	Mm	...
...	7.100	+33.582	0.80	...	...	...	4.317	+47.494	-4	...	...	...	0.754	+41.054	-5	Mm	...
...	7.069	+19.598	-3	...	...	*	4.300	-28.122	0.95	...	...	...	0.607	-1.969	-4	...	...
...	7.061	-58.408	-4	...	...	...	4.223	-24.347	-5	...	...	...	0.573	-14.510	-5	...	...
...	-6.988	-32.526	-5	p	...	...	-4.105	+7.105	-5	M	...	*	-0.535	+50.668	1.10	50.9908	9.7
...	6.955	+12.535	-5	M	...	...	3.985	-31.637	-2	...	...	...	0.507	-25.192	-4	...	...
...	6.827	-15.631	-2	...	...	...	3.933	-56.770	-5	...	...	...	0.397	-36.613	-3	...	...
...	6.785	+54.870	0.80	...	...	*	3.927	-50.164	1.00	51.10223	10.0	...	0.371	-9.422	1.60	51.10229	9.3
...	6.757	-54.044	-4	...	...	*	3.695	-45.401	1.60	51.10224	9.0	...	0.289	-43.651	-3	...	...
93I	-6.743	+27.186	-3	...	...	99I	-3.637	+13.434	-5	...	...	105I	-0.018	+39.948	-3	...	...
...	6.626	-40.987	-5	...	...	...	3.615	-57.259	0.85	...	...	*	-0.016	-16.745	1.60	51.10230	9.3
...	6.477	+16.687	-3	...	...	*	3.568	-30.790	1.30	51.10225	9.3	...	+0.005	-47.758	0.85	...	...
...	6.457	-43.604	-5	...	...	...	3.429	-15.422	-2	...	...	*	0.059	+57.475	1.00	50.9909	10.0
...	6.363	-44.178	-1	...	...	...	3.285	-48.128	-5	p	...	...	0.082	-43.017	-4	p	...
...	-6.358	+19.315	0.90	50.9899	9.8	*	-3.230	-30.023	1.15	51.10226	9.5	...	+0.093	-35.346	-5	p	...
...	6.357	+8.022	-5	M	...	...	3.208	+43.548	-5	M	...	...	0.125	-25.460	-5	p	...
...	6.348	-46.102	-5	...	...	...	3.200	-26.246	-5	p	...	...	0.200	-37.165	-2	...	...
...	6.296	+5.866	-4	M	...	...	3.147	-56.236	-5	p	...	...	0.325	+28.120	-4	...	...
*	6.181	-30.083	0.95	51.10216	10.0	...	3.120	-38.863	-3	...	...	...	0.363	-16.605	0.90	...	...
94I	-6.171	-44.489	-3	...	...	100I	-3.031	-52.050	0.70	...	...	106I	+0.509	-32.445	-5	...	...
...	6.089	-55.886	-2	...	...	...	3.030	-8.461	-3	...	...	...	0.561	-52.661	-5	p	...
*	6.073	+25.133	1.20	50.9900	9.6	...	3.023	+22.819	-4	...	...	...	0.629	+38.440	-4	m	...
...	6.065	+44.344	-3	M	...	...	3.013	-21.890	-3	...	...	...	0.678	+38.612	-2	...	...
...	6.046	-31.880	-5	p	...	*	2.995	-8.639	1.35	51.10227	9.3	*	0.687	+28.470	1.30	50.9910	9.5
...	-6.028	+36.824	-4	...	...	...	-2.964	-35.467	-3	...	...	...	+0.875	+12.273	-4	Mm	...
*	6.021	-41.018	2.20	51.10217	8.9	...	2.949	+54.302	-3	...	...	*	0.902	+48.781	1.50	50.9911	9.1
...	5.939	+50.559	-5	M	...	*	2.880	+40.155	1.00	...	...	...	0.946	-9.311	-3	...	...
...	5.922	-44.951	-4	...	...	...	2.852	-7.767	-5	...	...	*	0.960	-37.310	1.50	51.10231	9.2
...	5.918	-35.244	-4	...	...	...	2.841	+5.881	-5	Mm	...	...	1.046	+51.544	-3	...	...
95I	-5.910	+56.414	-4	...	...	101I	-2.812	-59.731	0.70	...	...	107I	+1.214	-38.718	-3	...	...
*	5.880	+33.915	1.00	50.9901	9.8	...	2.765	+45.453	-5	M	...	...	1.297	+40.682	-5	Mm	...
...	5.869	+53.557	-3	...	...	...	2.634	+33.877	-5	Mm	...	...	1.308	-34.262	-1	...	...
...	5.795	-47.028	0.90	...	...	*	2.597	-45.754	1.90	51.10228	8.7	...	1.313	-18.587	-4	...	...
...	5.766	+3.517	-4	...	...	...	2.464	+9.496	-5	Mm	...	...	1.384	+54.297	-2	...	...
...	-5.671	+16.170	-4	...	...	...	-2.438	+30.693	-4	...	...	...	+1.424	-39.115	-3	...	...
...	5.635	+40.876	-5	M	...	*	2.395	+47.421	1.15	50.9905	9.7	...	1.475	+10.478	-4	Mm	...
*	5.627	+33.248	0.95	50.9902	9.8	...	2.365	+29.737	-5	Mm	...	...	1.621	-7.393	-5	...	...
*	5.618	-30.783	1.00	51.10218	10.0	...	2.360	+0.835	-5	m	...	...	1.633	-44.706	-5	p	...
...	5.574	+40.785	-5	M	...	...	2.145	-20.941	0.65	...	...	...	1.670	-45.406	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
1081-1140						1141-1200						1201-1260					
I08I	+	1°700	+ 5°590	-3	Mm	I14I	+	4°902	+57°530	1°05	50.9914	I00	+	7°953	+38°215	-5	<i>m</i>
...	...	1°702	+53°865	-2	...	...	...	4°926	-42°407	0°70	...	...	...	8°004	-10°514	0°95	...
S *	...	1°784	+33°338	2°50	50.9912	8°4	...	5°005	-26°827	-2	...	...	...	8°204	+17°664	-5	<i>m</i>
...	...	1°788	+45°557	-5	Mm	...	...	5°018	+28°111	-5	...	...	...	8°212	+42°841	-2	...
...	...	1°924	+25°116	-3	...	...	...	5°082	+55°797	-5	<i>m</i>	...	...	8°222	-1°360	-3	...
†	+	1°927	+54°892	-5	Mm	...	+	5°087	-23°149	-5	...	...	+	8°270	-56°988	-4	...
...	...	1°930	+45°616	-5	Mm	...	...	5°152	-22°299	-5	<i>p</i>	...	†	8°291	-59°836	-3	...
...	...	1°989	+38°288	-2	...	...	...	5°293	-50°287	-1	...	...	...	8°323	+18°130	-3	...
...	...	1°993	-7°328	-5	...	...	...	5°298	-36°809	-4	...	...	...	8°355	-25°851	-4	...
...	...	1°996	-21°138	-3	...	...	...	5°404	+40°592	0°75	...	...	...	8°394	+6°745	-5	<i>m</i>
I09I	+	2°056	+57°707	0°95	...	I15I	+	5°419	+28°772	1°00	50.9916	9°9	+	8°435	-38°885	-5	<i>p</i>
...	...	2°111	+19°294	-2	...	...	...	5°420	-12°832	-1	...	...	...	8°447	-57°524	-5	...
...	...	2°118	-55°311	-5	...	...	...	5°507	+38°356	-5	<i>m</i>	...	...	8°476	-35°947	-5	...
...	...	2°129	-57°625	-1	...	...	...	5°605	+47°157	-5	<i>m</i>	...	...	8°502	-24°321	-5	<i>p</i>
...	...	2°141	+23°985	-5	Mm	...	...	5°699	+32°456	-4	<i>m</i>	...	...	8°573	-14°359	-4	...
...	+	2°176	+5°740	-	Mm	...	+	5°706	-9°485	5	...	...	+	8°584	-52°915	-4	<i>m</i>
*	...	2°220	-58°741	2°00	51.10232	8°9	...	5°724	+56°243	-5	<i>m</i>	...	...	8°741	-37°352	-5	...
...	...	2°303	-37°155	-2	...	...	...	5°755	+55°773	-5	<i>m</i>	...	...	8°813	-31°964	-3	...
*	...	2°340	-51°321	1°20	51.10233	9°5	...	5°813	-7°711	-5	...	...	...	8°834	-45°228	-4	...
...	...	2°393	-19°251	-5	...	...	...	5°892	+32°288	-2	...	...	...	8°835	-2°109	-5	...
I10I	+	2°393	+57°713	-4	...	I16I	+	5°902	+0°372	-5	<i>m</i>	...	+	8°863	-17°204	-5	...
...	...	2°400	-18°248	-4	...	...	...	5°950	-31°402	-5	<i>p</i>	...	...	8°942	-43°415	-5	...
...	...	2°445	+10°459	-3	...	...	...	6°027	-53°895	-4	...	...	...	8°944	-36°033	-3	...
...	...	2°594	+52°494	-2	...	...	...	6°043	-52°876	-5	...	...	...	8°998	+10°831	-4	...
...	...	2°599	21°267	5	<i>p</i>	*	...	6°088	+39°547	1°10	50.9917	9°8	...	9°032	+26°211	0°90	...
...	+	2°626	+19°349	-4	Mm	...	+	6°107	+24°354	-2	...	...	+	9°036	+43°738	-3	...
...	...	2°740	+37°132	-5	<i>m</i>	...	...	6°165	+44°048	-5	<i>m</i>	...	...	9°044	-24°452	-2	...
...	...	2°790	-54°525	-5	<i>p</i>	...	...	6°304	+50°109	-5	<i>m</i>	...	...	9°048	-49°143	-5	<i>p</i>
...	...	2°835	-4°299	-3	...	...	...	6°380	+36°938	-5	<i>m</i>	...	*	9°050	-16°343	1°15	51.10238
...	...	2°857	+19°469	-1	...	...	...	6°414	+56°403	-5	<i>m</i>	...	...	9°104	-5°433	-4	...
I11I	+	2°870	-6°436	0°90	...	I17I	+	6°423	-29°683	0°75	...	...	+	9°175	-47°563	-5	<i>p</i>
*	...	2°905	-16°393	1°40	51.10234	9°6	...	6°549	+29°216	-5	<i>m</i>	...	...	9°224	-52°159	-4	...
...	...	3°053	+40°693	0°80	...	...	...	6°612	+52°805	-3	...	...	*	9°227	+49°140	1°00	...
...	...	3°081	+15°338	-4	...	...	...	6°624	-39°630	-5	...	...	...	9°290	+54°538	-5	<i>m</i>
...	...	3°143	+53°504	-1	...	...	...	6°641	-54°701	-4	...	...	...	9°322	-38°658	0°90	...
...	+	3°168	-57°594	-1	...	...	+	6°650	-10°209	-5	<i>p</i>	...	†	9°544	+38°925	-4	...
...	...	3°235	-3°335	3	...	*	...	6°670	-25°066	1°00	51.10237	10°0	+	9°563	14°671	1°05	51.10239
...	...	3°255	-9°771	-4	...	...	...	6°704	+0°616	-5	<i>m</i>	...	+	9°647	-37°416	0°95	...
*	...	3°278	-25°037	1°20	51.10235	9°6	...	6°741	+47°679	0°75	...	...	...	9°747	-41°459	-3	...
...	...	3°353	+53°683	-5	<i>m</i>	...	...	6°784	-10°491	-4	...	...	...	9°760	-30°029	-3	...
I12I	+	3°415	+28°118	-2	...	I18I	+	6°798	-38°124	1°00	...	...	+	9°794	-58°422	-4	...
...	...	3°459	-35°140	-5	<i>p</i>	...	...	6°831	+35°025	-4	...	...	...	9°831	-58°241	-5	<i>p</i>
*	...	3°556	-57°368	1°40	51.10236	9°2	...	6°871	-50°648	0°70	...	...	...	9°836	-45°608	-4	...
...	...	3°788	+27°673	-3	...	...	...	7°044	-45°230	-5	...	...	...	9°871	-31°912	-3	...
...	...	3°864	+37°452	0°85	...	...	...	7°070	-5°434	-5	<i>p</i>	...	...	9°994	-11°977	-4	...
...	+	3°870	-54°275	-4	...	...	+	7°120	+5°876	-5	<i>m</i>	...	...	+10°019	-24°834	-3	...
...	...	3°941	+6°052	-4	<i>m</i>	...	...	7°198	-54°473	-4	...	...	†	10°115	-49°888	-2	...
...	...	3°985	-42°587	-3	...	*	...	7°364	+58°774	1°20	49.9820	9°8	...	10°140	-43°674	-5	...
...	...	4°097	+19°023	-1	...	...	...	7°440	-45°612	-4	...	...	...	10°262	+52°920	-5	<i>m</i>
...	...	4°156	+36°959	-1	...	†	...	7°467	+14°961	-5	<i>m</i>	...	...	10°341	-17°063	-3	...
I13I	+	4°214	-40°107	-2	...	I19I	+	7°539	+35°247	-2	...	...	+	10°379	+19°174	-3	...
...	...	4°247	-12°232	-4	...	...	...	7°627	-28°532	-4	...	...	...	10°417	-59°632	-5	...
...	...	4°364	+47°795	-4	...	...	...	7°745	+6°103	-4	...	...	...	10°425	-47°328	-3	...
*	...	4°391	+30°873	1°00	50.9913	9°9	...	7°780	-23°444	0°75	...	...	...	10°508	-34°684	-5	...
...	...	4°700	-1°094	-5	<i>p</i>	...	...	7°793	+28°763	0°95	...	...	...	10°514	-43°283	-2	...
...	+	4°745	+13°374	-5	<i>m</i>	...	+	7°832	-41°562	0°90	...	*	+	10°622	+39°427	1°00	50.9918
...	...	4°806	+44°306	-4	...	...	...	7°848	+38°850	-4	<i>m</i>	...	...	10°679	+36°759	-4	...
...	...	4°859	+23°024	-5	<i>m</i>	...	...	7°874	-32°844	-5	<i>p</i>	...	...	10°744	-52°300	-5	...
...	...	4°871	+28°540	-3	...	...	...	7°929	+37°770	-4	...	...	...	10°765	-55°509	-5	<i>p</i>
*	...	4°898	+19°816	1°15	50.9915	9°8	...	7°946	+13°985	-5	<i>m</i>	...	...	10°789	+10°342	-5	<i>m</i>

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1261-1320						1321-1380						1381-1440					
I26I	+10°811	-38°109	-3	...	...	I32I	+14°385	+13°610	-3	...	...	I38I	+17°309	+59°680	-3	...	...
...	10°822	+34°406	-2	...	...	...	14°466	-2°293	0.80	...	...	...	17°321	-58°826	-5	...	...
*	10°895	+34°698	1.70	50.9919	9.0	...	14°500	-51°250	-5	...	...	...	17°382	+17°747	-5	m	...
...	10°940	-5°447	-5	p	...	...	14°500	+33°115	-5	m	...	*	17°401	-29°255	1.20	51.10246	9.5
...	11°003	-30°174	-4	...	...	...	14°502	+23°669	-5	m	...	*	17°491	+30°719	1.20	50.9929	9.5
...	+11°006	+5°851	-4	m	...	†	+14°532	-42°587	0.90	...	...	...	+17°608	-38°245	-5	...	...
...	11°070	-23°664	-5	p	...	†	14°615	+40°118	-4	...	...	...	17°652	-13°851	-5	p	...
...	11°202	-50°341	-2	...	...	...	14°669	+56°935	-4	...	...	...	17°770	-24°156	-5	p	...
...	11°255	-33°768	-4	...	...	†	14°688	-53°844	1.40	51.10244	9.4	...	17°805	+48°360	-5	m	...
...	11°374	+53°262	-3	...	...	†	14°794	+12°457	-4	...	...	...	17°810	+13°215	-4	...	...
I27I	+11°391	-24°745	-5	...	...	I33I	+14°798	-31°573	-5	...	...	I39I	+17°938	+0°838	-5	m	...
...	11°491	+35°640	-3	...	...	...	14°927	+14°131	0.80	...	...	...	17°982	-43°658	0.70	...	...
...	11°505	-28°705	-4	...	...	...	14°943	+55°218	-5	...	...	...	18°090	-28°750	-3	...	...
*	11°516	-6°888	1.00	51.10240	10.0	...	14°976	-29°680	0.65	...	...	†	18°123	+44°850	0.95	...	...
...	11°541	+55°609	-5	m	...	...	14°981	+30°669	-5	m	...	S*	18°223	+1°924	4.50	50.9930	7.7
...	+11°579	+45°682	0.85	...	...	...	+14°987	-52°834	0.75	...	...	...	+18°257	+57°257	-5	...	...
...	11°582	+43°205	-5	m	...	*	14°996	+15°270	1.00	50.9923	10.0	...	18°304	-36°187	-5	...	...
*	11°588	-39°328	0.90	...	...	...	15°015	+56°885	-2	...	...	...	18°579	-22°747	0.80	...	...
...	11°683	-13°667	-4	...	...	*	15°090	-29°821	1.00	51.10245	10.0	...	18°580	+55°284	0.95	...	...
...	11°912	+44°695	0.90	50.9920	10.0	...	15°112	+55°989	-5	m	...	...	18°651	-45°905	-2	...	...
I28I	+11°968	-52°603	-2	...	...	I34I	+15°128	+28°401	-4	...	...	I40I	+18°698	-59°294	-3	...	...
...	12°008	-47°353	-3	...	...	...	15°223	-52°852	-4	...	...	...	18°796	-34°437	0.90	51.10247	10.0
...	12°200	-48°652	-1	...	...	...	15°316	+42°568	-4	...	...	...	18°835	+52°373	-5	m	...
...	12°245	+41°857	-2	...	...	...	15°381	+37°800	-5	m	...	...	18°903	-2°875	-4	...	...
...	12°304	+47°682	0.80	...	...	...	15°453	+57°488	-5	m	...	...	18°922	+43°448	-5	...	...
...	+12°307	-31°707	0.85	...	...	...	+15°488	-16°018	-4	...	...	...	+18°964	-58°234	-3	...	...
...	12°418	-42°506	0.70	...	...	...	15°585	-6°747	-4	...	...	...	18°979	+37°236	-5	m	...
*	12°428	-2°057	1.00	51.10241	10.0	...	15°616	-43°597	-4	...	...	...	19°048	+43°158	0.75	...	...
...	12°465	+38°381	-5	...	...	...	15°777	+59°676	-4	...	...	...	19°098	-13°012	-5	...	...
...	12°482	-32°579	0.80	...	...	*	15°843	+15°244	2.50	50.9924	8.7	*	19°147	+26°008	1.00	50.9931	10.0
I29I	+12°517	+25°977	-4	m	...	I35I	+15°880	-37°403	-5	...	...	I41I	+19°173	+46°269	-3	...	...
...	12°718	+31°424	-3	...	...	...	15°894	-8°629	-3	...	...	...	19°209	-14°238	-5	...	...
...	12°762	+13°540	-3	...	...	...	15°976	-31°335	-5	...	...	...	19°293	-51°483	-5	...	...
...	12°803	+53°581	-3	...	...	...	15°984	+30°344	-5	m	...	...	19°294	+31°767	-5	m	...
*	12°817	+44°610	1.80	50.9921	9.0	...	16°018	-4°703	-5	...	...	*	19°326	+47°163	2.00	50.9932	8.6
*	+12°863	+34°172	1.60	50.9922	9.1	*	+16°194	-58°632	1.00	...	...	...	+19°422	-55°750	-5	...	...
...	12°869	-55°662	-5	...	...	...	16°236	+35°077	-5	m	...	...	19°500	-9°081	-5	...	...
...	12°889	-10°565	-3	...	...	...	16°263	+0°216	-3	m	...	†	19°501	+30°984	-5	...	...
...	12°941	+6°869	-3	...	...	...	16°301	-51°624	-5	...	...	†	19°506	+33°098	-3	...	...
...	12°993	-19°860	-5	...	...	...	16°316	-21°850	-1	...	...	†	19°605	+54°376	-3	...	...
I30I	+12°999	+17°950	-5	m	...	I36I	+16°430	-5°950	-5	...	...	I42I	+19°634	-56°804	-3	...	...
...	13°016	+14°628	-5	m	...	...	16°516	+40°677	-5	m	...	†	19°644	+27°525	-5	m	...
...	13°018	+54°084	-2	...	...	...	16°592	+31°090	1.00	50.9925	10.0	...	19°691	-8°997	-5	...	...
...	13°072	-24°803	-1	...	...	*	16°617	+6°973	1.20	50.9926	9.5	...	19°709	-53°647	-5	...	...
*	13°143	+51°672	1.00	...	...	...	16°640	+46°908	-4	...	...	...	19°764	-48°956	-3	...	...
...	+13°143	-43°641	-5	p	...	...	+16°656	+38°421	-5	m	...	...	+19°765	+54°998	-4	...	...
...	13°215	-21°943	-5	p	...	...	16°699	-18°913	-4	...	...	...	19°915	+11°815	-3	...	...
...	13°245	+10°697	-3	...	...	...	16°760	+22°645	-5	m	...	...	20°072	-13°187	-3	...	...
...	13°257	-48°279	-3	...	...	*	16°788	+50°892	0.95	...	...	...	20°165	-24°679	-1	...	...
...	13°436	+56°971	-4	m	...	...	16°790	-43°694	0.65	...	...	*	20°204	+5°759	0.95	...	...
I31I	+13°568	+7°361	-3	...	...	I37I	+16°869	+15°602	-4	m	...	I43I	+20°234	+13°577	-3	...	...
...	13°649	-43°586	-3	...	...	*	16°946	+14°160	0.95	50.9927	9.9	...	20°288	+47°975	-5	m	...
...	13°748	+14°708	0.85	...	...	...	16°991	+41°735	-5	m	...	...	20°338	+51°165	-5	m	...
...	13°779	-33°723	-3	...	...	...	17°002	-15°649	-5	p	...	...	20°349	+57°500	-5	m	...
...	13°862	-7°714	1.00	51.10242	10.0	...	17°101	+36°979	-4	...	...	...	20°351	+46°392	-4	m	...
...	+13°879	-51°515	-5	...	...	†	+17°164	+34°880	0.75	...	...	...	+20°387	-20°318	-3	...	...
*	13°961	-58°296	0.95	...	...	...	17°171	+22°732	-5	m	...	...	20°400	-46°629	-5	p	...
...	14°025	-56°553	-5	p	...	...	17°198	-16°189	-5	...	...	...	20°491	+29°261	-4	...	...
...	14°098	-17°301	-2	...	...	...	17°250	-7°214	-5	...	...	†	20°572	+24°970	1.40	50.9933	9.2
*	14°252	-19°426	2.80	51.10243	8.4	*	17°251	+27°647	1.20	50.9928	9.4	...	20°605	-2°682	-1	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1441-1500						1501-1560						1561-1620					
I44I	+20°640	-34°225	-5	...	...	I50I	+23°884	+29°382	-4	...	...	I56I	+27°030	+6°293	-4	...	...
...	20°658	-28°659	-3	...	...	...	23°898	-39°675	0.90	...	...	...	27°115	+45°899	-5	m	...
...	20°729	+38°235	-5	m	...	†	23°941	+29°895	-2	...	...	*	27°139	+4°509	I.20	50.9940	9.7
*	20°789	-21°071	I.30	51.10248	9.5	...	23°985	+2°902	-4	m	...	...	27°228	-42°859	-5	...	...
...	20°881	-14°458	-4	...	...	...	24°087	+23°515	-5	m	...	...	27°239	+33°572	-5	m	...
*	+20°885	+30°612	I.40	50.9934	9.4	*	+24°150	-28°832	I.40	51.10253	9.4	...	+27°254	+37°641	-5	m	...
...	20°943	-36°248	-2	...	...	...	24°313	+56°720	-2	...	...	...	27°299	+25°478	-5	m	...
...	21°046	-51°599	-1	...	...	...	24°343	-20°779	-4	...	...	...	27°301	-49°459	-5	...	...
...	21°050	+26°494	-4	m	...	...	24°365	+36°112	-3	m	...	...	27°470	+12°196	-5	m	...
...	21°333	+48°813	-5	m	...	...	24°425	-13°366	-5	p	...	...	27°638	-21°511	-4	...	...
I45I	+21°391	+58°091	-1	...	...	I51I	+24°429	+27°032	-3	...	...	I57I	+27°672	+49°198	-5	m	...
...	21°518	-56°216	-3	...	...	...	24°486	-50°377	-5	...	...	...	27°706	-9°236	0.75	51.10258	10.0
*	21°616	-56°421	I.30	51.10249	9.4	†	24°636	-46°564	-5	...	...	...	27°726	-7°310	-5	...	...
...	21°640	-39°801	-4	...	...	...	24°654	+12°085	-5	...	...	...	27°727	-11°518	-5	...	...
...	21°653	+24°679	-5	m	...	*	24°699	+8°476	I.00	50.9938	9.8	*	27°792	+56°588	I.25	50.9941	9.4
...	+21°700	-15°083	-3	...	...	...	+24°796	-0°873	-1	...	...	...	+27°800	-50°886	-4	...	...
...	21°719	+19°556	-5	m	...	...	24°815	+30°829	-5	m	...	...	27°800	+58°771	I.00	...	...
...	21°815	+15°563	-5	m	...	...	24°888	-10°385	-5	...	...	...	27°853	-35°151	-4	...	...
...	21°852	-48°410	-5	...	...	*	24°890	-39°507	I.20	51.10254	9.5	...	27°949	+57°847	-5	m	...
...	21°870	-15°384	-4	...	...	S *	24°942	-44°629	I.25	51.10255	9.2	*	27°967	+30°796	I.05	50.9942	10.0
I46I	+21°874	+39°715	-3	...	...	I52I	+24°971	-26°253	0.80	...	...	I58I	+28°021	+16°691	-3	...	...
...	21°875	+58°817	-1	...	...	...	25°038	-19°585	-5	...	...	...	28°099	+27°846	-3	...	...
...	21°963	+31°191	-3	...	...	...	25°045	-57°780	-3	...	...	*	28°163	+16°784	I.00	50.9943	10.0
...	21°978	-26°674	-5	p	...	...	25°049	-15°654	-4	...	...	...	28°528	+37°667	-5	m	...
...	21°993	-26°863	-4	...	...	...	25°134	-13°565	-2	...	...	...	28°544	-48°816	-3	...	...
...	+22°015	-9°853	-5	...	...	...	+25°177	-22°618	-4	...	...	...	+28°573	-32°038	-5	...	...
...	22°027	-48°558	-3	...	...	...	25°238	+16°401	0.65	...	...	...	28°632	+23°562	-4	...	...
...	22°056	+58°259	-5	m	...	...	25°295	-24°012	-4	...	...	...	28°687	+49°973	-4	m	...
...	22°198	+23°761	-5	m	...	...	25°310	-46°228	-5	...	...	...	28°705	+41°915	-5	m	...
*	22°216	-25°993	I.00	...	...	...	25°318	+45°148	-4	...	...	...	28°715	-49°499	-5	...	...
I47I	+22°237	-6°036	-3	...	...	I53I	+25°408	-37°063	I.05	51.10256	9.9	I59I	+28°760	-5°870	I.05	51.10259	9.8
*	22°288	-15°286	I.00	51.10250	10.0	*	25°416	+25°509	-5	m	...	...	28°767	+45°964	-4	...	...
*	22°326	-43°474	I.00	51.10251	9.9	...	25°418	+1°130	-3	...	...	...	28°814	+36°222	-5	m	...
...	22°341	-52°782	-1	...	...	...	25°445	+39°561	-5	m	...	...	28°828	-34°710	-4	...	...
...	22°351	+18°627	-5	m	...	...	25°624	-15°425	-5	...	...	...	28°922	-5°251	-5	...	...
...	+22°355	-11°646	-4	m	...	...	+25°692	+12°526	-4	...	...	*	+28°981	+27°432	I.90	50.9945	8.9
...	22°375	+31°419	-3	...	...	*	25°707	+40°496	I.00	...	...	*	28°985	+34°451	I.15	50.9944	9.8
...	22°419	+40°227	-2	...	...	...	25°719	+38°832	-5	m	...	...	28°994	+29°420	-5	m	...
...	22°489	-32°883	-2	...	...	...	25°731	+43°820	-2	...	...	...	29°003	-15°733	-5	...	...
...	22°540	-19°531	-4	...	...	...	25°738	-52°405	-4	...	...	...	29°009	-32°867	-4	...	...
I48I	+22°676	+17°368	0.95	...	...	I54I	+25°744	+17°700	-2	...	...	I60I	+29°016	-19°931	-4	...	...
*	22°699	+45°835	0.90	...	...	...	25°800	+47°009	-5	m	...	...	29°044	+4°158	0.75	...	...
...	22°704	-1°773	-5	p	...	...	25°833	+56°133	-5	m	...	...	29°061	+8°210	0.70	...	...
*	22°709	+20°059	I.00	50.9935	9.8	...	25°867	-25°524	-5	...	...	...	29°168	+32°242	-5	m	...
...	22°721	+19°108	-5	m	...	†	25°921	-39°877	-4	...	...	...	29°196	+3°011	-5	m	...
...	+22°815	+19°113	-3	...	...	†	+25°980	-59°821	-5	p	...	...	+29°242	-26°034	-1	...	...
...	22°820	+43°590	-5	m	...	*	25°993	-10°270	I.00	51.10257	9.8	...	29°349	-30°648	-5	...	...
...	22°854	+51°637	-5	m	...	...	26°019	+19°803	-5	m	...	...	29°358	+14°574	0.70	...	...
*	22°902	+39°246	I.00	50.9936	9.9	...	26°194	+2°333	-5	m	...	†	29°531	+23°623	-5	...	...
...	22°909	-30°803	-5	p	...	...	26°330	+52°078	-1	...	...	...	29°580	+54°378	-3	...	...
I49I	+23°094	-46°621	-4	...	...	I55I	+26°356	+28°774	-5	m	...	I61I	+29°619	-42°764	-5	...	...
...	23°104	+21°089	-3	...	...	...	26°372	-48°006	-5	...	...	...	29°628	+13°307	-4	...	...
...	23°189	-3°448	-3	...	...	...	26°638	-4°659	-5	...	...	*	29°658	-15°680	I.20	51.10260	9.8
...	23°299	-17°341	0.85	...	...	...	26°673	+33°019	-3	...	...	...	29°685	-44°051	-4	...	...
...	23°354	-14°215	0.90	51.10252	9.9	...	26°762	-34°101	-5	...	...	...	29°818	-32°385	-5	...	...
*	+23°378	+32°532	-1	...	...	*	+26°833	+1°878	I.05	50.9939	9.9	...	+29°864	-22°660	-3	...	...
...	23°429	+5°089	I.00	50.9937	9.8	...	26°836	-36°604	-5	...	...	...	29°894	-21°200	-5	...	...
...	23°649	+8°679	-4	m	...	...	26°905	+16°950	-2	...	...	*	30°180	-29°542	I.00	...	...
...	23°671	+59°840	0.95	49.9841	10.0	...	26°938	-55°659	-3	...	...	...	30°230	+59°649	-4	m	...
*	23°843	+15°910	0.95	...	...	...	26°997	-24°811	-5	...	...	...	30°238	+27°480	-5	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1621-1680						1681-1740						1741-1800					
I62I	...	+30.303	-30.861	-3	...	I68I	...	+33.983	-35.365	-5	...	I74I	...	+36.824	+4.570	-4	...
...	...	30.389	-57.413	-3	...	...	...	34.003	+31.152	-5	m	...	...	36.898	+46.912	I.10	50.9950
...	...	30.398	-42.593	-1	...	...	...	34.007	-43.490	-4	...	...	...	36.908	+26.861	-4	m
...	...	30.447	-21.417	-2	...	...	...	34.077	+13.306	-2	...	...	...	36.933	+4.648	-5	m
...	...	30.477	-22.478	0.80	...	...	...	34.159	+26.606	-5	m	...	...	37.043	-54.512	2.00	51.10269
...	...	+30.483	-1.971	-4	...	...	...	+34.161	-57.764	-5	p	...	...	+37.049	-8.713	-5	p
...	...	30.554	-14.684	-3	...	...	...	34.210	-28.870	-5	...	...	...	37.270	+56.626	I.80	50.9952
...	...	30.579	-16.501	-2	...	...	...	34.237	+12.914	-4	m	...	...	37.372	+43.126	-3	m
†	...	30.601	+54.924	-5	m	...	...	34.276	-31.452	I.00	51.10266	I0.0	...	37.377	-6.234	-5	...
...	...	30.706	-40.309	0.90	...	...	...	34.330	+24.297	-3	...	...	...	37.593	-32.781	-5	p
I63I	...	+30.744	+56.243	-3	...	I69I	...	+34.523	-47.660	-5	...	I75I	...	+37.631	+0.394	-4	m
...	...	30.751	-7.348	0.90	51.10261	9.9	...	34.536	-28.696	-5	...	...	...	37.712	+41.291	-5	m
...	...	30.756	+15.971	-5	m	...	...	34.549	+35.928	I.40	50.9947	9.3	...	37.716	+15.781	I.00	50.9953
*	...	30.765	-57.224	I.00	...	...	...	34.716	-21.083	-5	...	...	...	37.815	-57.452	-5	...
...	...	30.858	-32.409	-5	p	...	...	34.726	-0.195	-3	...	...	...	37.833	+23.836	0.95	...
...	...	+30.966	+40.330	-5	m	...	...	+34.744	+3.521	-4	...	...	...	+37.874	-38.852	-3	...
...	...	30.971	-12.339	-5	...	...	...	34.755	+47.667	-2	...	...	...	37.894	-1.228	I.35	50.9954
...	...	31.006	-19.054	-5	p	...	...	34.787	-21.925	-4	...	...	...	37.937	-45.233	-3	...
...	...	31.009	+21.494	-5	m	...	...	34.841	+29.430	-5	m	...	...	37.980	-26.306	-5	...
...	...	31.073	+34.397	-1	...	...	...	34.856	+2.491	-5	m	...	...	37.981	+52.359	-3	...
I64I	...	+31.084	+22.250	-5	m	I70I	...	+34.858	+6.141	I.35	50.9948	9.4	...	+37.997	-18.364	-5	...
...	...	31.151	+20.619	-4	m	...	...	34.861	-58.453	-5	...	...	...	38.011	-1.371	0.70	...
*	...	31.189	-43.091	I.00	51.10262	I0.0	...	34.891	+49.148	-4	...	...	...	38.039	-18.885	-4	...
...	...	31.190	-23.694	-4	...	...	...	34.905	+22.343	-2	...	...	...	38.170	+47.256	-5	m
...	...	31.234	+32.588	-5	m	...	...	35.014	+8.421	-5	m	...	...	38.178	+36.147	-5	m
...	...	+31.272	+35.836	-3	...	...	...	+35.049	+14.304	-5	m	...	...	+38.287	-29.184	-5	...
...	...	31.351	+52.513	-5	m	...	...	35.210	-43.443	-3	...	...	...	38.302	-11.555	-4	...
...	...	31.454	+19.326	-4	...	...	...	35.392	-36.505	-5	...	...	...	38.469	-54.313	I.00	...
*	...	31.609	-6.837	I.00	51.10263	I0.0	...	35.416	+55.224	-3	...	...	...	38.489	-1.896	-4	...
...	...	31.697	-34.606	-3	...	...	...	35.435	-31.147	-5	p	...	...	38.498	+50.790	-4	...
I65I	...	+31.737	-10.985	-2	...	I71I	...	+35.495	-12.633	0.90	...	I77I	...	+38.545	-26.384	-5	...
...	...	31.744	+53.979	-2	...	...	...	35.520	-44.265	0.75	...	...	...	38.571	-22.581	-3	...
*	...	31.794	+30.194	I.00	...	...	...	35.544	+29.429	-5	m	...	...	38.579	+9.179	-3	...
...	...	31.813	-18.404	-5	...	...	...	35.565	+19.000	-5	...	...	...	38.603	-38.397	-5	p
...	...	31.863	+47.551	0.85	...	...	...	35.569	-26.532	I.15	51.10267	9.5	...	38.656	-39.412	-5	...
...	...	+31.929	+43.118	-1	...	...	...	+35.667	+10.362	-5	m	...	...	+38.665	-4.153	-4	...
...	...	31.971	-8.983	-2	...	...	...	35.677	-51.914	-5	...	...	...	38.680	-9.879	-5	...
...	...	32.066	+21.847	-3	...	...	...	35.851	-35.539	-3	...	...	...	38.748	-50.333	-5	...
...	...	32.352	+0.396	-3	...	...	...	35.869	-26.576	-5	...	...	...	39.050	-51.416	-5	...
...	...	32.433	+34.071	-4	...	...	...	35.872	-1.704	-5	...	...	...	39.064	-1.703	-4	...
I66I	...	+32.436	+13.054	-2	...	I72I	...	+35.912	-42.129	-4	...	I78I	...	+39.092	+11.109	-3	...
...	...	32.514	-34.656	-4	...	...	...	36.013	+9.463	-3	...	...	...	39.165	-30.058	-5	...
...	...	32.652	-44.539	-5	...	...	...	36.024	-47.407	0.95	51.10268	I0.0	...	39.255	-52.059	-4	...
...	...	32.794	+38.127	0.95	...	...	...	36.115	+0.903	-4	...	...	...	39.302	+43.245	I.20	50.9955
...	...	32.822	+57.991	-5	m	...	...	36.215	-2.307	-5	...	...	...	39.306	-38.123	-2	...
...	...	+32.836	-45.475	-4	...	...	...	+36.245	-6.829	-5	...	...	...	+39.324	+7.992	-2	...
...	...	32.867	-21.992	-5	p	...	...	36.414	+5.480	-4	...	...	...	39.333	-4.708	-5	...
...	...	33.006	+33.421	-5	m	...	...	36.443	-9.284	-3	...	...	...	39.441	+48.628	0.95	...
...	...	33.310	+57.936	-4	m	...	...	36.443	+33.144	0.70	...	...	...	39.461	+35.350	-3	...
...	...	33.324	+35.322	-2	...	...	...	36.478	+58.994	-4	...	...	...	39.464	+7.290	-3	...
I67I	...	+33.399	+17.860	-2	...	I73I	...	+36.494	-37.141	-5	...	I79I	...	+39.487	+3.587	I.40	50.9957
...	...	33.452	+10.795	-4	m	...	...	36.523	+36.660	-4	m	...	...	39.568	-51.040	-3	...
...	...	33.463	+47.090	-5	m	...	...	36.573	+45.183	I.80	50.9949	9.0	...	39.644	+34.041	I.20	50.9956
...	...	33.468	+38.770	-4	m	...	...	36.645	-26.710	-5	...	...	...	39.718	+20.551	-4	m
...	...	33.576	-32.001	-5	...	...	...	36.680	-25.004	0.70	...	...	...	39.757	-12.117	-5	...
...	...	+33.771	+45.106	-4	m	...	...	+36.700	+18.514	I.45	50.9951	9.0	...	+39.817	-39.875	I.60	51.10270
...	...	33.772	+42.421	-3	m	S *	...	36.718	+55.516	-3	...	...	...	39.926	+35.403	-3	...
*	...	33.830	-54.120	I.00	51.10265	9.8	...	36.754	+8.270	-3	...	...	...	40.035	+28.720	-3	m
...	...	33.843	-38.716	-4	...	...	...	36.766	+59.380	-3	...	...	...	40.062	+44.037	-5	m
*	...	33.898	+54.685	2.30	50.9946	8.7	...	36.821	+53.233	-5	m	...	...	40.119	+45.226	-5	m

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1801-1860						1861-1920						1921-1980					
I80I	+40°201	-23°396	-5	p	...	I86I	+42°954	+45°772	0°90	...	...	I92I	+46°330	+25°645	I°35	50.9970	9.2
...	40°339	-10°842	-3	...	...	...	42°958	-5°888	0°80	...	...	...	46°370	-20°973	-5	p	...
...	40°410	-11°021	0°75	...	...	...	42°959	-33°483	-3	...	...	...	46°400	+1°290	-4	m	...
...	40°415	+16°385	-1	...	...	...	43°029	+43°305	-5	m	...	...	46°474	-44°050	-5	p	...
...	40°560	+54°196	-4	m	...	*	43°120	-16°800	I°00	51.10273	10.0	...	46°554	+25°665	-5	m	...
...	+40°572	+57°133	0°95	50.9958	10.0	...	+43°316	+53°907	-4	m	...	...	+46°579	+21°419	-5	m	...
*	40°573	+31°893	2°30	50.9959	9.0	...	43°383	+6°382	-4	m	...	...	46°628	-56°769	-4	...	...
...	40°836	+51°669	-5	m	...	...	43°405	-27°091	0°75	...	...	*	46°631	+16°857	0°95	...	...
*	40°856	-47°650	I°00	...	...	...	43°444	5°980	+4	...	...	...	46°635	-14°687	5	...	...
...	40°905	+56°751	-5	m	...	...	43°474	+43°856	-1	...	...	...	46°703	-22°323	-5	...	...
I81I	...	...	...	...	...	I87I	...	...	...	...	...	I93I	...	...	...	...	...
...	+40°932	+32°580	-4	m	...	...	+43°492	-28°468	-5	...	...	...	+46°724	-10°647	-5	...	...
...	40°955	+27°059	-5	m	...	...	43°585	+45°563	-5	m	...	...	46°789	+38°292	0°85	...	...
...	40°961	+18°167	-5	m	...	...	43°593	36°429	4	...	...	...	46°804	+50°520	-5	m	...
...	40°991	-21°613	-3	...	...	...	43°653	-56°459	-5	p	...	...	46°903	-57°152	-4	...	...
...	41°029	+59°208	-3	...	...	...	43°722	-17°798	0°90	...	...	...	46°919	-39°753	-4	...	...
...	+41°178	+19°811	-5	m	...	...	+43°761	+24°546	I°00	50.9967	10.0	†	+46°923	+14°969	-5	...	...
...	41°210	+36°306	0°70	...	...	...	43°808	-17°798	-3	...	...	...	46°971	-2°140	0°85	...	...
...	41°243	-27°088	-5	...	...	...	43°820	-29°756	-5	...	...	...	46°972	-6°749	0°90	...	...
...	41°283	-18°053	-2	...	...	...	43°829	+1°388	-3	...	...	...	46°976	+28°537	-5	m	...
*	41°356	+14°726	I°20	50.9960	9.5	...	43°831	+2°011	-5	m	...	...	47°018	+34°701	-4	m	...
I82I	...	...	...	...	...	I88I	...	...	...	...	...	I94I	...	...	...	...	...
...	+41°356	-4°071	-4	...	...	...	+44°007	-43°760	-3	...	...	...	+47°061	+19°172	-5	m	...
*	41°423	-16°850	I°20	51.10271	9.9	*	44°016	-44°175	I°00	...	...	...	47°196	+37°961	-5	m	...
...	41°463	-39°245	-5	...	...	...	44°078	+10°501	-5	m	...	...	47°257	+32°385	-5	m	...
...	41°532	+36°375	-3	m	...	...	44°080	+21°411	-4	m	...	...	47°294	-8°179	-4	...	...
*	41°548	-37°204	0°95	...	...	...	44°179	-12°202	-5	...	...	*	47°326	+34°069	I°40	50.9971	9.2
...	+41°590	-39°456	-5	p	...	...	+44°230	-50°771	-2	...	...	...	+47°382	-47°353	0°70	...	...
...	41°608	+22°955	-4	m	...	...	44°276	-31°899	-4	...	...	...	47°402	+7°059	-3	...	...
...	41°609	+15°635	-4	...	...	...	44°287	-51°254	-4	...	...	...	47°416	-5°547	-3	...	...
...	41°641	+5°303	-4	m	...	...	44°412	+35°797	-4	m	...	†	47°458	+9°945	I°20	50.9972	9.3
...	41°657	+15°423	-4	...	...	...	44°466	-52°167	-3	...	...	...	47°502	+43°642	-3	...	...
I83I	...	...	...	...	...	I89I	...	...	...	...	...	I95I	...	...	...	...	...
...	+41°694	+7°124	-4	m	...	†	+44°504	+51°715	0°80	...	...	...	+47°613	+44°042	-5	m	...
...	41°700	+52°227	-4	m	...	†	44°546	-21°488	0°80	...	...	...	47°655	-46°858	-5	...	...
*	41°758	-29°817	I°60	51.10272	9.0	...	44°565	+42°970	-4	...	...	...	47°733	+41°346	-5	m	...
...	41°795	+46°578	-5	m	...	†	44°715	+9°976	-5	m	...	*	47°749	-52°040	I°15	51.10276	9.8
f *	41°808	-0°086	I°60	50.9962	9.0	...	44°777	+55°841	-4	...	...	...	47°792	-44°119	-5	...	...
...	+41°811	+23°213	-3	m	...	...	+44°799	+2°946	-2	...	...	...	+47°805	+30°930	-4	m	...
...	41°915	+55°935	-3	...	...	...	44°809	+21°659	-5	m	...	*	47°829	+16°506	I°05	50.9973	9.6
...	41°933	-50°079	-5	...	...	...	44°832	+20°378	-2	...	...	...	47°903	+25°392	-4	...	...
*	42°025	+16°393	I°10	50.9963	9.7	...	44°834	-35°550	-5	...	...	...	47°931	-38°720	-5	p	...
...	42°036	+22°451	-4	m	...	S *	44°864	+53°640	4°00	50.9968	7.6	†	47°938	+4°969	-5	m	...
I84I	...	...	...	...	...	I90I	...	...	...	...	...	I96I	...	...	...	...	...
*	+42°080	+40°355	I°00	50.9961	10.0	...	+44°940	+20°713	-5	m	...	...	+48°000	+2°186	-3	...	...
...	42°162	+12°616	-2	...	...	...	45°056	+49°257	-3	...	...	*	48°078	-18°250	I°05	51.10275	9.8
...	42°252	+32°994	-5	m	...	*	45°079	+26°698	I°40	50.9969	9.2	...	48°130	+26°649	-5	...	...
...	42°273	+31°363	-3	...	...	...	45°198	-12°261	-5	p	...	...	48°135	+52°970	-5	m	...
...	42°328	+17°874	-3	...	...	...	45°300	+35°496	-4	m	...	...	48°171	-10°378	-4	...	...
...	+42°365	-50°267	-3	...	...	...	+45°306	-26°318	-4	...	...	...	+48°201	+56°154	-1	...	...
...	42°367	-41°058	-5	...	...	...	45°358	-53°125	0°65	...	...	...	48°205	-38°615	-5	p	...
*	42°390	+4°849	I°00	50.9965	9.7	...	45°382	-51°773	-3	...	...	...	48°266	-11°479	-5	...	...
...	42°423	+33°007	-4	...	...	...	45°426	-47°773	-3	...	...	*	48°310	+16°797	I°15	50.9974	9.6
*	42°490	+38°686	I°20	50.9964	9.7	...	45°486	+47°298	-3	...	...	...	48°333	+59°173	-1	...	...
I85I	...	...	...	...	...	I91I	...	...	...	...	...	I97I	...	...	...	...	...
...	+42°499	-47°686	-4	...	...	...	+45°579	-53°931	-5	...	...	*	+48°345	-53°264	I°30	51.10277	9.5
...	42°590	-51°165	-3	...	...	...	45°665	+32°003	-4	...	...	...	48°415	+4°383	-5	...	...
...	42°596	+56°203	-1	...	...	...	45°676	+5°516	0°70	...	...	...	48°577	-8°960	-3	...	...
...	42°604	-47°658	-4	...	...	...	45°698	+0°227	-3	...	...	...	48°588	-40°300	-3	...	...
...	42°628	+34°152	-4	m	...	...	45°703	+8°760	-4	...	...	...	48°593	-48°189	-5	p	...
*	+42°629	+31°745	I°00	50.9966	9.5	...	+45°878	-0°403	0°85	...	...	...	+48°605	+55°523	-5	m	...
...	42°690	+6°058	-4	m	...	...	45°956	-14°432	-4	...	...	...	48°626	-15°497	0°85	...	...
*	42°691	-13°605	I°00	...	...	*	46°084	-28°985	I°30	51.10274	9.3	*	48°681	+37°407	I°35	50.9975	9.3
...	42°890	-37°694	-5	...	...	...	46°097	-29°711	-3	...	...	*	48°688	+0°905	I°10	50.9976	9.6
...	42°953	+42°273	-5	m	...	...	46°167	+44°568	-1	...	...	...	48°741	-50°176	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1981-2040						2041-2100						2101-2160					
1981	+48.764	+52.186	-4	...	...	2041	+51.368	+32.868	-5	m	...	2101	+54.111	+48.731	0.95	...	...
...	48.787	+2.669	-3	...	...	...	51.388	+8.757	0.65	...	...	†	54.271	-49.897	0.90	e	...
...	48.798	+43.487	0.80	...	...	...	51.388	+26.008	-3	b	...	...	54.273	-25.674	-4	e	...
*	48.803	-28.922	1.00	51.10278	9.8	...	51.416	-18.262	-5	p	...	...	54.333	-14.723	-5	e	...
...	48.858	+26.308	-4	...	...	*	51.475	+44.003	1.00	...	...	...	54.352	+57.526	-5	m	...
...	+48.899	-36.758	-4	...	...	*	+51.499	-23.308	1.00	51.10282	10.0	...	+54.663	-22.996	0.95	e	...
...	49.002	+43.568	-3	...	...	...	51.567	-47.685	-4	e	...	...	54.685	+25.745	-5	e	...
...	49.023	-22.262	-5	...	...	...	51.590	+31.849	-5	m	...	...	54.719	+33.487	-3	e	...
...	49.048	-27.878	-5	...	...	...	51.634	-41.146	-5	e	...	...	54.767	+42.619	-5	m	...
...	49.050	-38.117	-5	...	...	...	51.645	-15.417	-4	...	...	...	54.773	-30.741	-3	e	...
1991	+49.075	-35.754	-4	...	...	2051	+51.652	-24.670	-2	...	...	2111	+54.825	-55.143	-3	e	...
...	49.093	-6.612	-4	...	...	*	51.729	+19.658	1.30	50.9979	9.5	...	54.876	-26.829	-3	e	...
...	49.277	+1.339	0.80	...	...	...	51.738	-59.615	-4	e	...	...	54.886	+30.416	-4	...	...
...	49.301	-6.556	-1	...	...	...	51.872	+23.804	-3	m	...	...	54.905	+28.029	-5	e	...
†	49.443	+16.874	-4	...	...	...	51.993	-33.939	-3	e	...	*	54.924	+23.648	1.20	50.9985	9.4
†	+49.452	+40.286	1.70	50.9977	9.0	...	+52.045	-15.319	-2	...	...	...	+54.957	+24.239	-5	e	...
...	49.559	+45.817	-5	m	...	*	52.069	+33.039	1.30	50.9980	9.5	...	54.975	+16.358	-5	e	...
...	49.573	-24.744	-5	...	...	...	52.085	+27.641	-5	m	...	...	55.019	-3.165	-4	e	...
...	49.604	-33.119	-5	p	e *	...	52.109	-51.432	1.70	51.10283	9.2	...	55.047	+22.393	-3	...	...
...	49.658	+8.883	-4	m	...	...	52.161	-37.204	-4	...	...	...	55.052	+10.593	-5	e	...
2001	+49.700	+24.662	-4	m	...	2061	+52.229	+18.811	-2	...	...	2121	+55.096	+39.707	-5	e	...
...	49.703	+47.489	-5	m	...	...	52.250	+24.513	0.90	...	...	...	55.103	-12.869	-4	e	...
...	49.733	+56.445	-5	m	...	...	52.256	-43.136	-4	...	...	...	55.114	+26.923	-5	e	...
...	49.758	+18.737	-4	m	...	...	52.273	-48.664	-4	e	...	*	55.147	+41.162	1.80	50.9986	8.9
...	49.783	-33.819	-5	...	...	...	52.277	-43.684	-3	e	...	...	55.147	+50.419	-5	...	...
S *	+49.822	-21.243	1.80	51.10279	9.0	...	+52.368	+32.878	-3	...	...	†	+55.180	-4.930	-5	e	...
...	49.866	+24.151	-5	m	...	...	52.369	-56.615	-3	e	...	...	55.182	-58.633	-3	e	...
...	49.868	+26.026	-3	...	...	...	52.402	-43.103	-5	e	...	...	55.192	+23.625	-5	e	...
...	49.885	-14.424	-5	...	...	...	52.445	-11.902	0.80	...	...	...	55.198	+4.829	-3	...	...
*	49.995	-24.290	1.00	51.10280	9.9	...	52.446	+6.336	-4	m	...	...	55.295	-14.717	-4	e	...
2011	+50.050	-31.873	-4	...	...	2071	+52.572	+20.138	0.95	50.9982	9.8	2131	+55.322	-13.618	-5	e	...
...	50.111	-22.680	-1	...	...	*	52.575	+8.749	0.65	...	...	...	55.339	-12.433	-2	e	...
...	50.121	+39.757	-4	m	...	...	52.593	+51.051	1.00	50.9981	10.0	...	55.413	+38.567	-5	...	...
...	50.164	-46.283	-5	...	e *	...	52.647	-14.059	1.40	51.10284	9.3	...	55.523	+54.209	-4	...	...
...	50.174	+13.837	-3	...	...	...	52.662	+33.092	-5	m	...	...	55.537	+28.518	-3	...	...
*	+50.384	+28.937	-3	...	...	...	+52.845	+32.369	-5	m	...	...	+55.651	+21.657	0.65	...	...
...	50.394	53.226	1.50	51.10281	9.3	...	52.862	+12.246	-3	m	...	...	55.690	-9.529	-4	e	...
...	50.462	-30.750	-5	p	e *	...	52.898	-14.615	1.20	51.10285	9.6	...	55.721	-39.615	-1	e	...
...	50.514	-15.271	-5	p	...	...	52.901	+18.232	-2	...	...	...	55.754	-20.676	-5	e	...
...	50.519	+55.399	-2	...	...	...	52.904	-17.071	-1	e	...	...	55.813	+58.101	-3	...	...
2021	+50.560	+39.587	-2	...	...	2081	+52.995	-7.594	-4	e	...	2141	+55.821	-6.792	-2	e	...
...	50.567	+29.809	-5	m	...	...	53.037	+2.831	-4	m	...	...	55.828	+14.319	-5	e	...
...	50.581	+55.064	-4	m	...	...	53.071	+14.502	0.80	...	...	...	55.959	-17.684	-3	e	...
...	50.599	-31.903	-2	...	...	...	53.103	-36.534	-4	e	...	...	55.980	+30.382	-4	...	...
...	50.641	+14.885	-3	...	...	...	53.144	-57.533	-5	e	...	...	56.037	-59.331	-5	e	...
...	+50.811	-15.727	-4	p	...	...	+53.208	+47.875	-4	m	...	...	+56.096	+37.400	-5	e	...
...	50.848	+1.726	-3	...	...	...	53.234	+17.626	-5	m	...	...	56.099	+2.982	-4	...	...
*	50.880	-20.822	1.80	50.9978	9.0	...	53.289	+21.804	0.95	50.9983	10.0	...	56.236	+38.983	-4	e	...
...	50.880	+22.252	-5	m	...	...	53.353	+26.085	-5	m	...	...	56.269	+7.641	-5	e	...
...	50.903	-29.078	-1	...	...	...	53.469	+14.393	-4	m	...	*	56.366	+14.665	1.05	50.9987	9.9
2031	+50.913	-37.716	-4	...	...	2091	+53.620	-40.882	-4	e	...	2151	+56.417	-52.118	2.20	51.10287	9.0
...	50.943	-29.228	-2	...	...	...	53.621	+5.392	-5	e	...	e *	56.427	-16.729	-5	e	...
...	50.945	+43.431	-4	m	...	...	53.709	-19.769	-5	e	...	...	56.510	-32.099	-5	e	...
...	50.962	-9.899	-5	...	...	...	53.745	+12.297	-4	...	...	...	56.514	+9.546	-5	e	...
...	50.991	-11.314	-4	...	...	...	53.766	-32.676	-3	e	...	...	56.537	-20.325	-2	e	...
...	+50.994	-4.575	-4	m	...	...	+53.830	+30.156	0.85	...	...	e	+56.583	-27.515	1.00	51.10286	10.0
...	51.070	-8.595	-1	...	...	...	53.945	+20.188	-1	...	...	...	56.589	-3.376	-5	e	...
...	51.086	-45.595	-4	...	...	...	53.975	+23.572	-5	m	...	...	56.604	+51.181	-4	...	...
...	51.198	-3.345	-5	p	†	...	53.990	+29.886	0.95	50.9984	10.0	...	56.706	+14.814	-4	e	...
...	51.199	+15.378	-4	m	...	...	54.002	-33.021	-1	e	...	...	56.724	-29.381	-4	e	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2161-2180						2181-2200						2201-2216					
216I	+56.731	+21.498	0.85	°	...	218I	+57.634	+41.371	-4	°	...	220I	+58.500	+42.728	-1	°	...
...	56.802	-3.643	-3	e	...	*	57.829	+40.866	1.35	50.9990	9.4	*	58.542	-10.568	0.85	e	...
*	56.837	+44.689	1.00	50.9988	10.0	...	57.865	-25.001	-5	e	...	...	58.721	-37.398	-4	e	...
*	56.871	+18.347	1.00	50.9989	9.8	...	57.900	-40.269	-4	e	...	...	58.729	-5.342	0.75	e	...
...	56.890	-48.561	-1	e	...	...	57.940	+22.113	0.75	...	...	...	58.904	-40.510	-5	e	...
...	+56.919	+10.559	-1	...	...	...	+57.946	-25.280	-4	e	...	...	+58.920	-44.634	1.00	e	...
...	56.954	-36.675	-4	e	...	...	58.063	-41.870	-5	e	...	...	58.933	+17.009	-1	...	...
...	56.955	-18.357	-5	e	...	...	58.072	-1.697	0.80	e	...	...	59.002	-26.957	-5	e	...
...	56.968	+9.880	0.85	...	...	...	58.081	+22.263	-5	e	...	...	59.093	-41.800	1.00	e	...
...	57.105	+8.653	-4	...	...	...	58.097	+39.001	-5	e	...	...	59.176	-38.061	-4	e	...
217I	+57.182	+10.696	-4	e	...	219I	+58.121	+19.130	-5	m	...	221I	+59.187	-47.357	-1	e	...
...	57.187	+38.584	-5	e	...	*	58.133	+32.597	1.00	...	...	...	59.188	+13.032	1.00	...	...
...	57.219	+37.769	1.00	...	...	...	58.194	-36.900	0.65	e	...	...	59.209	-27.799	-5	e	...
...	57.223	-36.051	-5	e	...	...	58.202	-7.742	-5	e	...	...	59.327	+41.849	-2	...	...
e *	57.277	-22.228	1.00	51.10288	10.0	...	58.275	-41.253	-5	e	...	...	59.350	+11.847	-5	e	...
...	+57.292	+41.783	-4	e	...	...	+58.324	+20.074	-4	...	...	...	+59.364	-7.827	-5	e	...
...	57.331	+23.555	-3	...	...	...	58.367	+32.820	-5	e	...	...					
...	57.562	-34.796	-4	e	...	...	58.370	-58.359	-4	e	...	...					
...	57.582	+2.174	-3	...	...	...	58.421	+12.417	-5	e	...	...					
...	57.583	+12.755	-5	e	...	*	58.489	+54.027	2.40	50.9991	9.0	...					

1-30						31-60						61-90					
I						3I						6I					
E *	-60.087	-14.207	1.40	51.10284	9.3	...	-59.094	+23.544	-5	E	...	...	-57.935	-4.988	-3	E	...
...	60.073	+12.175	-3	...	...	...	59.066	-19.872	-4	...	...	...	57.826	-57.630	-3	E	...
...	60.024	-7.746	-4	E	...	...	59.062	-48.808	-4	E	...	...	57.802	+53.878	-5	M	...
...	60.021	+54.125	-3	...	...	...	59.059	+22.549	-5	M	...	...	57.747	+41.779	-3	E	...
...	60.003	-41.317	-5	E	...	...	59.011	+16.270	-4	E	...	...	57.708	-23.062	0.90	E	...
...	-59.972	-25.146	-5	p	...	...	-58.973	+59.714	-5	M	...	...	-57.695	+38.576	-5	E	...
...	59.959	+33.372	-3	E	...	...	58.931	+28.441	-2	...	...	...	57.693	-12.916	-3	E	...
...	59.948	-34.100	-3	E	...	...	58.824	-3.768	-5	p	...	...	57.681	+33.452	-5	M	...
...	59.942	+32.488	-5	M	...	...	58.817	-19.869	-4	E	...	...	57.649	+37.766	0.90	...	...
...	59.914	+5.263	-4	E	...	...	58.804	+51.144	-3	...	...	...	57.573	-33.153	-5	p	...
II						4I						7I					
...	-59.910	-2.722	-4	...	...	...	-58.781	+12.212	-5	M	...	...	-57.547	+14.638	1.00	50.9987	9.9
...	59.880	+58.024	-3	...	...	...	58.775	-31.675	-5	p	...	...	57.475	-12.474	-2	E	...
*	59.841	+41.062	1.80	50.9986	8.9	...	58.732	+37.338	-5	E	...	...	57.474	+21.480	0.85	...	...
...	59.834	+39.609	-3	E	...	...	58.722	-36.662	-4	E	...	...	57.453	-13.664	-4	E	...
E *	59.818	-14.754	1.10	51.10285	9.6	...	58.704	+10.526	-5	E	...	...	57.422	-14.767	-4	E	...
...	-59.816	-47.857	-3	E	...	...	-58.663	+38.941	-3	E	...	...	-57.385	+41.371	-3	...	...
...	59.723	-17.212	-2	E	...	...	58.650	-56.749	-2	E	...	...	57.371	+7.621	-3	E	...
...	59.694	+25.646	-5	E	...	...	58.579	+30.332	-3	...	...	...	57.345	+2.952	-4	...	...
...	59.665	+30.316	-3	...	...	...	58.556	+21.594	0.70	...	...	...	57.336	-26.887	-2	E	...
...	59.564	+27.945	-4	E	...	...	58.396	-14.798	-4	E	...	...	57.291	-30.783	-2	E	...
2I						5I						8I					
...	-59.484	+38.482	-3	...	...	...	-58.323	+4.761	-3	...	...	...	-57.249	-9.564	-3	E	...
*	59.353	+23.550	1.20	50.9985	9.4	*	58.302	+44.648	0.95	50.9988	10.0	...	57.223	-6.821	-2	E	...
...	59.352	+24.140	-5	E	...	...	58.267	+1.628	-5	M	...	...	57.206	+14.797	-3	E	...
...	59.293	+26.839	-4	E	...	...	58.219	-32.767	-3	E	...	...	57.203	+18.333	1.20	50.9989	9.8
...	59.258	-43.825	-3	E	...	...	58.172	-3.233	-4	E	...	...	57.187	+9.535	-4	E	...
...	-59.186	+22.303	-3	...	...	...	-58.072	+14.288	-5	E	...	...	-57.149	+40.873	1.50	50.9990	9.4
...	59.163	-43.242	-5	E	...	...	58.029	-40.962	-3	E	...	...	57.042	+54.062	2.10	50.9991	9.0
...	59.153	-59.752	-4	E	...	...	57.990	-25.757	-3	E	...	...	57.021	-49.945	-1	E	...
...	59.098	+44.219	-5	M	...	...	57.969	-33.098	0.85	E	...	...	56.994	+13.756	-5	M	...
E *	59.096	-51.578	1.90	51.10283	9.2	...	57.958	+52.633	-5	M	...	...	56.952	+23.565	-3	...	...

MC measured from I, 252, 518, 799, 1075, 1358, 1611, 1894, 2161, 2456, 2697, 2916.
 C " " 128, 381, 660, 939, 1218, 1484, 1764, 2022, 2305, 2568, 2819, 3021.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
91-150						151-210						211-270					
9I	-56.943	+54.175	-5	M	...	15I	-54.341	-25.207	-3	E	...	21I	-51.839	+2.201	-4	M	...
...	56.867	+16.243	-4	M	...	...	54.339	-34.725	-4	E	...	...	51.803	-36.207	1.00	...	...
...	56.842	+10.558	-3	...	...	...	54.304	-39.583	-5	p	...	...	51.798	-8.861	-3	...	...
...	56.801	+39.033	-4	E	...	†	54.194	+54.825	-5	...	...	...	51.762	-5.844	-3	...	...
†	56.754	+9.875	0.80	...	...	...	54.181	-49.048	-5	...	...	...	51.741	-5.139	-5	...	...
...	-56.706	-20.702	-4	E	...	...	-54.162	+40.715	-5	M	...	...	-51.647	-43.565	-5	...	...
...	56.645	-17.690	-3	E	...	...	54.149	-40.048	-5	p	...	†	51.581	+4.997	-5	M	...
...	56.606	-3.386	-5	E	...	...	54.107	+45.681	-2	...	...	...	51.573	+36.490	-5	M	...
...	56.580	+10.704	-4	E	...	...	53.796	-40.187	-3	E	...	...	51.500	-3.366	1.00	...	...
...	56.580	+8.665	-3	...	...	...	53.728	+34.526	-3	M	...	*	51.496	-34.020	1.15	51.10292	9.8
10I	-56.573	+42.760	-1	...	...	16I	-53.716	+32.614	0.70	...	...	22I	-51.475	-24.724	-5	...	...
...	56.553	-35.865	-5	p	...	...	53.649	-7.709	-4	E	...	...	51.371	-19.312	-3	...	...
...	56.521	+32.625	0.90	...	...	...	53.647	+38.805	-4	M	...	...	51.353	+34.096	-3	M	...
...	56.372	-3.640	-2	E	...	...	53.618	-36.797	0.75	E	...	...	51.350	+12.045	-5	M	...
...	56.354	+49.191	-4	M	...	...	53.578	+53.347	1.10	50.9993	9.8	...	51.334	-6.711	-4	...	...
...	-56.308	+8.287	-5	M	...	...	-53.569	-41.762	-4	E	...	...	-51.332	+50.641	1.00	50.9996	10.0
...	56.308	+25.673	-5	M	...	...	53.507	-35.367	-5	p	...	...	51.252	-14.643	0.70	...	...
...	56.284	+22.147	0.85	...	...	...	53.503	+12.404	-3	...	...	...	51.190	+34.488	-3	A	...
...	56.281	+32.869	-4	E	...	...	53.492	-3.536	0.95	51.10290	10.0	...	51.170	-4.839	-3	...	...
...	56.264	+12.778	-4	E	...	...	53.444	+7.823	-5	M	...	...	51.162	+58.990	-1	...	...
11I	-56.254	-55.175	-2	E	...	17I	-53.379	-41.145	-4	E	...	23I	-51.141	+20.658	-1	...	...
...	56.205	-16.724	-4	E	...	...	53.366	-13.450	-5	...	...	...	51.132	-10.959	-4	...	...
...	56.152	+22.295	-4	E	...	...	53.311	+1.097	-4	M	...	...	51.099	+36.883	-4	M	...
...	55.981	-39.628	-1	E	...	...	53.274	-53.574	-5	p	...	...	51.093	-37.946	-3	...	...
...	55.963	-20.315	-2	E	...	...	53.226	-26.833	-4	E	...	...	51.070	-54.445	1.10	...	...
...	-55.826	+20.120	-3	...	...	...	-53.185	+30.689	-5	M	...	...	-50.954	+29.626	-5	M	...
...	55.823	+2.206	-2	...	...	...	53.181	+0.894	-5	M	...	...	50.918	+23.928	0.75	...	...
...	55.789	-10.378	-5	p	...	...	53.174	-27.119	-5	...	...	...	50.861	+32.515	-4	M	...
...	55.765	-58.639	-3	E	...	...	53.170	-15.579	-4	...	...	...	50.852	-39.357	0.65	...	...
...	55.700	+41.925	-2	...	...	...	53.144	+8.143	-5	M	...	...	50.840	+10.715	-5	M	...
12I	-55.613	-27.498	0.90	51.10286	10.0	18I	-53.142	+19.357	1.30	50.9992	9.4	24I	-50.756	+10.961	1.00	50.9995	9.0
E	55.609	-18.332	-4	E	...	...	53.112	+6.205	-3	...	...	...	50.728	-28.465	-5	...	...
...	55.521	-32.073	-4	E	...	...	53.078	-37.274	-4	E	...	...	50.703	+0.278	1.00	...	...
*	55.415	+58.738	2.00	49.9886	9.3	...	53.056	+3.399	-4	M	...	...	50.659	+30.738	-2	...	...
...	55.408	-29.357	-3	E	...	...	53.021	+24.141	-5	M	...	...	50.568	-21.736	-5	...	...
...	-55.393	+12.471	-4	E	...	*	-53.015	+37.984	1.15	50.9994	9.7	...	-50.554	+36.764	-5	M	...
†	55.191	-1.644	0.80	E	...	...	52.988	-27.673	-5	E	...	...	50.536	+40.944	-5	M	...
†	55.179	+49.147	-4	M	...	...	52.817	+16.934	-2	...	...	...	50.528	-5.119	-4	...	...
E †	55.144	-22.178	1.00	51.10288	10.0	...	52.764	+15.184	-5	M	...	...	50.498	-23.470	-4	...	...
...	55.085	+17.085	0.70	...	...	...	52.763	-40.378	-5	E	...	...	50.446	-19.156	0.80	...	...
13I	-54.883	-36.630	-3	E	...	19I	-52.747	-18.875	-4	...	...	25I	-50.364	+31.681	0.85	...	...
...	54.853	-59.292	-5	E	...	...	52.604	-37.926	-4	E	...	...	50.125	+11.110	-5	M	...
...	54.836	+25.074	0.75	...	...	*	52.584	-44.503	1.05	E	...	...	50.120	-51.781	-4	...	...
...	54.808	-7.662	-5	E	...	...	52.571	-58.247	-4	E	...	...	50.108	+15.989	0.90	...	...
E *	54.758	-52.083	2.00	51.10287	9.0	...	52.568	-19.300	-5	...	...	...	50.077	+36.056	-4	M	...
...	-54.743	+27.339	-3	...	...	...	-52.557	-23.921	-5	...	...	...	-50.073	-31.858	-3	...	...
...	54.678	+13.127	0.95	...	...	...	52.531	-41.664	1.00	E	...	...	50.046	-7.725	-5	p	...
...	54.660	+49.674	-2	...	...	...	52.506	+42.919	-5	M	...	...	49.971	+31.125	-5	M	...
...	54.626	-35.986	-5	E	...	...	52.498	-19.708	-5	...	...	...	49.969	+43.072	0.90	...	...
...	54.552	+51.832	-5	M	...	...	52.412	+24.748	-3	M	...	...	49.945	-50.614	-5	...	...
14I	-54.534	+35.159	-5	M	...	20I	-52.410	-26.267	1.00	51.10291	9.9	26I	-49.702	+45.518	-4	M	...
...	54.458	-48.499	0.70	E	...	...	52.373	+55.586	0.65	...	...	...	49.683	+12.085	-5	M	...
...	54.445	+17.713	-5	M	...	...	52.359	-19.368	-5	...	...	†	49.616	-4.983	0.80	...	...
...	54.442	+5.084	-5	M	...	...	52.223	-32.543	-4	...	...	...	49.612	+33.497	-1	...	...
...	54.440	+11.954	-4	E	...	...	52.214	-47.209	0.70	E	...	...	49.541	-57.271	-5	p	...
†	-54.440	-24.931	-5	E	...	...	-52.068	+16.041	-3	M	...	...	-49.528	+30.474	-4	M	...
...	54.427	+29.377	-5	M	...	...	52.029	-52.613	-5	p	...	...	49.526	+6.091	-5	M	...
...	54.388	+15.241	-4	M	...	...	51.953	+24.593	1.00	...	...	...	49.490	-44.791	-3	...	...
...	54.384	-5.257	0.95	E	...	...	51.891	-44.247	0.65	...	...	...	49.487	+39.492	-1	...	...
...	54.361	-10.481	0.95	E	...	...	51.870	+34.981	-5	M	...	...	49.468	-49.686	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
271-330						331-390						391-450					
27I	-49°449	-30°384	0.65	°	...	33I	-47°115	+54°274	-5	°	M	39I	-44°893	-1°379	1.40	50.10005	9.1
...	49°432	-58°623	-5	p	...	...	47°060	+32°952	-2	...	...	*	44°864	+39°129	1.50	50.10008	9.0
*	49°367	-14°192	0.90	...	...	...	47°058	-35°638	0.90	...	...	...	44°794	+59°433	-3	...	...
...	49°359	-37°941	-4	...	...	...	47°012	+16°881	-4	M	...	...	44°715	+17°999	-5	M	...
...	49°339	+52°962	-5	M	...	...	47°002	+55°813	-4	M	...	...	44°688	-28°091	-4	...	...
...	-49°320	-41°998	-4	...	...	...	-46°911	-24°776	-5	p	...	...	-44°686	-21°599	-3	...	...
...	49°225	-34°065	-3	...	...	...	46°863	-13°954	-5	...	...	...	44°632	-59°780	0.65	...	...
...	49°224	+36°934	-3	A	...	...	46°830	-46°934	0.90	...	...	...	44°618	-18°188	-1	...	...
...	49°144	-42°353	-4	...	...	...	46°806	+9°511	-5	M	...	†	44°614	-39°880	-3	...	...
*	49°113	+11°782	1.00	50.9997	9.8	*	46°782	+54°551	1.00	50.10003	10.0	...	44°547	-37°821	-5	...	...
28I	-49°084	+50°105	-4	M	...	34I	-46°735	+40°491	-2	...	...	40I	-44°517	+30°258	-5	M	...
...	49°081	+51°432	1.00	50.9998	10.0	...	46°724	+41°451	-3	M	...	...	44°418	+49°690	0.75	...	...
...	49°034	-25°676	0.75	...	...	*	46°711	+25°883	2.20	50.10001	8.4	...	44°375	+20°982	-5	M	...
...	49°013	-19°636	-4	...	...	...	46°700	-42°681	-4	...	...	...	44°357	+34°646	0.70	...	...
*	48°942	-20°701	1.60	51.10293	9.2	...	46°669	+31°154	-4	M	...	...	44°356	-25°904	-3	...	...
...	-48°825	+36°311	-2	...	...	...	-46°609	+47°652	-3	M	...	...	-44°332	-34°530	-3	...	...
...	48°798	+1°785	-5	M	...	...	46°549	+45°664	-4	M	...	*	44°324	+48°098	1.30	50.10009	9.4
...	48°751	+22°305	-4	M	...	...	46°480	+54°930	-5	M	...	...	44°299	+27°046	-5	M	...
...	48°665	-45°004	0.90	...	...	...	46°457	+50°814	-3	...	...	*	44°289	+8°235	1.10	50.10007	9.8
...	48°584	-38°129	-4	...	...	...	46°430	+22°309	-4	M	...	*	44°237	-1°595	1.10	50.10006	9.6
29I	-48°574	-24°015	-1	...	...	35I	-46°415	+27°382	0.90	...	...	41I	-44°194	-19°336	-5	...	...
...	48°556	+33°642	-3	M	...	...	46°357	-40°222	0.65	...	...	...	44°149	-21°746	-2	...	...
...	48°531	-56°100	-5	p	...	...	46°351	-9°709	-2	...	...	...	44°050	+7°581	-5	M	...
...	48°516	+20°915	-3	...	...	...	46°331	+41°061	-3	...	...	...	44°039	-11°507	-4	...	...
...	48°367	-15°928	-3	...	...	...	46°282	-6°708	-3	...	...	...	43°960	+26°834	-5	M	...
...	-48°331	+23°814	0.90	...	...	...	-46°256	-29°162	-5	...	...	*	-43°952	+51°042	1.40	50.10010	9.4
...	48°331	+42°742	-5	M	...	...	46°188	+31°815	-5	M	...	...	43°859	+28°238	-4	M	...
...	48°306	+5°562	0.90	...	...	...	46°183	+42°303	-5	M	...	...	43°841	+7°998	-3	...	...
n *	48°286	+13°423	0.90	50.9999	8.4	...	46°128	+25°605	-4	M	...	...	43°808	-48°560	-3	...	...
...	48°261	-3°685	-3	...	...	*	46°054	+34°451	1.30	50.10004	9.5	...	43°808	-49°764	-3	...	...
30I	-48°177	+13°672	2.20	50.9999	8.4	36I	-46°035	-30°566	-1	...	...	42I	-43°691	+29°866	-1	...	...
Sn *	48°139	-18°230	0.95	...	...	...	46°017	-53°280	0.90	...	...	†	43°683	+8°733	-5	M	...
...	48°104	+46°460	-5	M	...	...	45°840	-7°393	-3	...	...	...	43°626	+9°129	-4	...	...
...	48°070	+41°612	-5	M	...	...	45°830	-38°965	-4	...	...	...	43°536	+29°110	-4	M	...
...	48°062	+44°662	-5	M	...	...	45°727	-26°024	-5	p	...	*	43°533	+47°126	1.15	50.10012	9.5
...	-48°061	-30°414	-5	...	...	...	-45°623	-28°949	-5	p	...	...	-43°530	-58°477	0.90	...	...
...	48°060	-42°369	-1	...	...	...	45°574	-8°179	0.90	...	...	...	43°525	+49°369	-5	M	...
...	48°046	+23°690	-5	M	...	...	45°565	-55°620	-5	...	...	...	43°510	-44°142	-3	...	...
...	48°000	+0°320	-3	...	...	...	45°545	+21°125	-4	M	...	...	43°371	-26°681	-5	p	...
...	47°940	+16°907	-5	M	...	...	45°515	-58°939	-5	p	...	...	43°279	-52°838	-5	p	...
31I	-47°863	+41°530	-5	M	...	37I	-45°441	-24°741	-1	...	...	43I	-43°211	+34°264	-3	...	...
...	47°781	-12°854	-4	...	...	...	45°390	+45°388	-4	M	...	*	43°192	-36°429	1.00	...	...
*	47°744	+16°173	1.00	50.10000	9.5	...	45°388	-3°023	-2	...	...	...	43°155	-28°562	-3	...	...
...	47°737	-14°649	-2	...	...	...	45°372	+23°585	-4	M	...	...	43°146	-49°990	-3	...	...
...	47°723	+56°838	-4	M	...	...	45°366	-34°782	-4	...	...	...	43°124	-52°419	0.90	...	...
...	-47°705	-39°044	-3	...	...	...	-45°328	-7°090	-5	p	...	...	-42°976	+29°636	-5	M	...
*	47°695	-16°121	0.95	51.10294	10.0	...	45°302	-59°175	-3	...	...	*	42°961	+10°118	1.15	50.10011	9.8
...	47°684	+49°062	-4	M	...	...	45°298	-56°205	-4	...	...	*	42°889	+41°057	1.10	50.10014	9.7
...	47°671	+30°132	-4	M	...	†	45°292	+53°675	-2	...	...	...	42°888	+0°544	-2	...	...
...	47°645	-11°090	0.65	...	...	...	45°278	-33°687	-4	...	...	...	42°849	-9°817	0.70	...	...
32I	-47°575	+3°819	-5	M	...	38I	-45°118	-14°741	-5	...	...	44I	-42°706	+57°466	-4	M	...
...	47°532	+31°571	0.80	...	...	...	45°100	-33°670	-3	...	...	...	42°703	+54°315	1.15	...	...
...	47°421	-16°881	-5	...	...	...	45°091	-10°742	-5	p	...	...	42°647	+2°626	-5	M	...
*	47°418	+55°585	1.40	50.10002	9.4	...	45°067	+13°722	-5	M	...	...	42°642	+24°164	-5	M	...
...	47°369	+25°438	-5	M	...	...	45°038	-10°721	-5	p	...	...	42°569	-27°122	-3	...	...
...	-47°266	-6°033	-2	...	...	...	-45°019	-26°073	-5	...	...	...	-42°569	-41°558	-1	...	...
...	47°226	+44°201	3	B	...	...	45°005	+0°056	0.70	...	...	*	42°514	+36°673	0.95	50.10016	10.0
...	47°224	-39°441	-5	...	...	...	44°997	-3°961	-5	...	...	...	42°462	+48°113	-5	M	...
...	47°200	+12°799	-1	...	...	...	44°986	-26°571	-5	p	...	...	42°388	-21°856	-4	...	...
...	47°168	-31°773	-4	...	...	...	44°967	-17°700	-3	...	...	S *	42°350	-1°452	3.25	50.10013	7.8

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
451-510						511-570						571-630					
45I	-42.34I	+53.99I	0.90	...	...	51I	-40.493	-38.492	-5	p	...	57I	-38.282	+22.886	0.80	...	...
...	42.294	+32.554	-2	...	...	...	40.472	-56.612	0.80	...	...	...	38.265	+17.908	-3	...	...
...	42.293	+29.358	-4	M	...	...	40.386	-20.938	-4	...	...	...	38.250	+53.700	-4	M	...
...	42.267	-20.640	-2	...	...	...	40.349	+10.548	-5	...	...	...	38.250	+52.537	-4	M	...
*	42.250	+11.76I	0.90	...	...	...	40.309	-43.684	-3	...	...	...	38.204	+55.870	-3	...	...
...	-42.174	+44.995	-5	M	...	†	-40.306	+51.398	0.95	...	...	...	-38.13I	+2.48I	0.90	...	...
...	42.148	-28.157	0.80	...	...	†	40.275	-3.527	-5	...	...	...	38.115	+50.108	-3	B	...
*	42.130	+10.840	I.00	50.I00I5	I0.0	...	40.18I	+39.367	-4	M	...	...	38.106	+22.355	-4	M	...
...	42.129	+19.668	0.70	...	...	†	40.179	+47.49I	-3	...	...	*	38.103	-14.724	I.50	51.I0303	9.0
...	42.100	-45.13I	I.00	51.I0296	I0.0	...	40.139	+54.125	0.90	...	...	...	38.090	+48.352	-I	...	...
46I	-42.047	+31.820	-5	M	...	52I	-39.995	-37.566	-4	...	...	58I	-38.00I	+37.748	-I	...	...
*	42.033	-22.668	I.00	51.I0297	9.9	...	39.904	+44.299	-4	M	...	...	37.985	+18.392	-5	M	...
...	42.005	+17.403	-4	...	...	...	39.896	+3.420	-2	...	...	...	37.922	-39.58I	-5	...	...
...	41.989	+45.82I	-4	M	...	...	39.856	-17.517	-3	...	...	...	37.915	+37.558	-4	M	...
...	41.960	-19.118	-4	...	...	...	39.839	+45.002	-5	M	...	...	37.846	-34.875	-3	...	...
†	-41.914	+39.819	-5	M	...	...	-39.820	+21.86I	-4	M	...	...	-37.82I	-37.616	-3	...	...
...	41.89I	+18.275	-5	M	...	...	39.803	+56.267	-5	M	...	...	37.739	+50.264	-5	M	...
...	41.887	+51.23I	-5	M	...	...	39.784	-10.655	-I	...	...	...	37.730	+9.658	0.65	...	...
...	41.878	+15.810	-5	M	...	...	39.689	-53.990	-I	...	...	...	37.727	-31.864	-2	...	...
...	41.868	+15.127	-5	M	...	*	39.605	+21.255	I.40	50.I00I7	9.3	...	37.657	+25.569	-3	M	...
47I	-41.855	-7.339	-5	...	...	53I	-39.570	-37.707	-5	p	...	59I	-37.63I	-38.127	-2	...	...
...	41.852	-31.636	-4	...	...	...	39.566	+28.595	-2	...	...	...	37.630	-41.838	0.80	...	...
...	41.803	+50.59I	-5	...	...	...	39.556	+26.450	-3	M	...	...	37.609	+52.373	-5	M	...
...	41.798	+23.839	-2	...	...	...	39.530	+30.293	-2	A	...	...	37.590	-33.94I	-3	...	...
...	41.717	-14.436	0.70	...	...	...	39.380	+32.632	-3	M	...	...	37.535	+10.17I	-5	M	...
...	-41.693	+48.182	0.85	...	...	...	-39.345	+41.075	0.80	...	...	...	-37.51I	-2.206	-3	...	...
*	41.684	-13.543	I.00	51.I0298	9.8	...	39.342	+17.004	-4	...	...	...	37.502	-42.886	-I	...	...
...	41.593	+20.169	0.70	...	...	*	39.324	-52.687	3.00	51.I030I	8.0	...	37.479	+30.917	-3	...	...
*	41.563	-8.313	I.30	51.I0299	9.3	...	39.293	-16.772	-4	...	...	...	37.458	-18.687	-5	p	...
...	41.463	-7.760	0.90	51.I0300	I0.0	*	39.279	+17.087	I.20	50.I00I8	9.6	...	37.422	+39.488	-5	M	...
48I	-41.427	+31.190	-2	...	...	54I	-39.252	-34.052	-3	...	...	60I	-37.419	-1.753	0.95	50.I0020	I0.0
...	41.409	+43.313	-5	M	...	...	39.250	+51.134	0.85	...	...	...	37.387	+24.155	-5	M	...
†	41.395	-34.896	-5	...	...	...	39.225	-50.998	0.90	...	...	...	37.308	-21.570	-2	...	...
...	41.390	+28.944	-5	M	...	...	39.216	+56.352	-I	...	...	...	37.302	-1.219	-3	...	...
...	41.305	-31.19I	-2	...	...	...	39.182	-39.678	-3	...	...	...	37.262	+35.797	-5	M	...
...	-41.286	-17.834	-4	...	...	...	-39.173	+48.410	-4	M	...	...	-37.236	-1.198	-4	...	...
...	41.241	+40.202	-5	M	...	...	39.115	+42.534	0.80	...	...	...	37.173	-9.714	0.90	...	...
...	41.238	-19.241	-5	...	...	...	39.100	+43.936	-5	M	...	...	37.101	-56.734	-2	...	...
...	41.238	-24.506	-4	...	...	...	39.098	+1.828	-5	M	...	...	36.986	+55.390	-5	M	...
...	41.182	-28.340	-5	...	...	*	39.08I	+47.535	2.20	50.I00I9	8.6	...	36.965	-46.710	-4	...	...
49I	-41.122	+40.504	-5	M	...	55I	-39.017	-46.543	0.95	...	...	61I	-36.92I	+12.855	-3	M	...
...	41.110	+20.980	0.85	...	...	*	38.979	-8.176	-5	p	...	...	36.913	+25.696	-3	M	...
...	41.070	-32.422	-5	p	...	...	38.932	+27.577	0.80	...	...	...	36.904	+30.599	-5	M	...
...	40.980	+10.574	-4	...	...	...	38.883	-27.430	-4	...	...	...	36.873	-39.814	-5	...	...
...	40.968	+33.948	0.90	...	...	...	38.860	-16.123	0.65	...	...	...	36.826	-19.575	0.80	...	...
...	-40.965	+16.809	-5	M	...	...	-38.749	-5.503	-4	...	...	...	-36.822	+8.720	-5	M	...
...	40.943	+8.028	-4	M	...	...	38.738	-0.739	-4	...	...	...	36.818	+21.193	-5	M	...
...	40.939	+10.496	-4	M	...	*	38.696	+6.412	0.90	...	...	...	36.668	-58.964	-4	...	...
...	40.933	-23.684	-4	...	...	...	38.688	-31.847	0.90	...	...	...	36.631	+42.807	-5	M	...
...	40.898	+7.913	-4	M	...	...	38.606	-58.795	-5	...	...	...	36.608	+50.017	-3	B	...
50I	-40.882	+5.156	I.00	...	...	56I	-38.52I	-9.490	-5	...	...	62I	-36.604	-8.75I	-5	p	...
*	40.847	+32.383	0.65	...	...	...	38.492	-14.707	-5	...	...	...	36.548	+30.597	-3	M	...
...	40.819	+35.368	0.75	...	...	...	38.492	+8.063	-3	...	...	...	36.508	-46.366	-5	...	...
...	40.79I	+44.347	0.95	...	...	...	38.466	-33.24I	-5	...	...	...	36.490	+3.748	0.80	...	...
...	40.763	+42.525	-5	M	...	...	38.455	-55.554	-2	...	...	*	36.447	-45.147	3.20	51.I0304	7.9
...	-40.725	+1.588	-5	M	...	*	-38.449	-2.557	I.20	51.I0302	9.7	*	-36.438	-27.970	I.00	51.I0305	I0.0
...	40.712	+14.836	-5	M	...	...	38.428	-26.643	-4	...	...	...	36.347	-29.37I	-4	...	...
...	40.657	+32.22I	-2	...	...	...	38.413	+5.855	-I	...	...	...	36.336	+10.309	0.90	...	...
...	40.609	+56.672	0.75	...	...	...	38.408	+27.067	-3	M	...	...	36.272	-2.642	-4	...	...
...	40.588	+27.945	-5	M	...	...	38.336	-23.144	-5	p	...	...	36.10I	+39.470	-5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
631-690						691-750						751-810					
63I	-36°086	+ 8°528	-4	M	...	69I	-34°032	+39°897	-4	M	...	75I	-32°021	+23°803	-3	...	...
...	36°007	+ 3°557	0.75	...	...	...	33°977	-22°141	-5	...	...	...	31°996	+26°846	-3	M	...
...	35°983	+59°242	-5	M	...	...	33°966	+43°392	-3	...	...	...	31°976	-47°658	-5	...	...
...	35°947	-40°476	-3	...	...	...	33°957	-31°957	-3	...	...	...	31°935	-44°721	-5	...	...
...	35°890	+41°474	-3	M	...	...	33°943	+44°758	-2	...	...	...	31°897	+45°287	0.80	...	...
...	-35°884	-45°890	-2	...	...	...	-33°855	+32°798	-4	M	...	...	-31°825	+46°430	-1	...	...
...	35°833	-46°820	-3	...	...	...	33°847	+18°948	0.90	...	...	*	31°714	+ 8°420	1.00	...	...
...	35°813	+50°091	-5	M	...	...	33°842	+ 2°576	-5	M	...	...	31°710	-13°974	-5	p	...
...	35°776	+13°965	-5	M	...	*	33°833	-38°561	1.70	51.10310	9.0	*	31°694	-59°668	1.20	51.10314	9.5
...	35°718	- 3°181	-4	...	...	...	33°772	-57°819	-5	...	...	...	31°677	+13°694	-5	M	...
64I	-35°717	-14°646	-5	...	...	70I	-33°700	+ 1°092	-5	M	...	76I	-31°674	+15°741	0.70	...	...
...	35°713	-21°051	-5	...	...	...	33°642	+14°317	-5	M	...	...	31°665	-41°745	-1	...	...
...	35°701	-30°412	-5	...	...	...	33°589	+44°598	-5	M	...	†	31°652	+29°947	0.75	...	...
...	35°692	+56°436	-5	M	...	...	33°543	-45°213	-5	...	...	...	31°601	+14°507	-5	M	...
...	35°645	-20°968	-5	...	...	...	33°488	+11°164	0.75	...	...	...	31°583	-25°413	-3	...	...
...	-35°637	+54°914	-3	...	...	*	-33°448	+29°162	0.95	...	...	...	-31°551	-45°558	-3	...	...
...	35°604	+37°043	-5	M	...	*	33°428	-31°473	1.10	51.10311	9.8	...	31°495	-34°291	-2	...	...
...	35°575	-40°563	-4	...	...	...	33°419	+48°279	-4	M	...	...	31°492	-11°331	-5	p	...
...	35°554	-54°565	0.90	...	...	...	33°402	+42°957	-5	M	...	...	31°467	-52°724	-5	...	...
...	35°552	-52°193	-4	...	...	...	33°375	-33°121	-4	...	...	...	31°415	-31°710	-4	...	...
65I	-35°516	-20°173	-5	p	...	71I	-33°356	+43°290	-5	M	...	77I	-31°390	+24°497	-4	M	...
...	35°494	+40°150	-5	M	...	...	33°351	-18°499	-5	...	...	...	31°294	+37°655	-3	...	...
...	35°487	+31°436	-3	...	...	...	33°348	-50°476	-3	...	...	...	31°271	-37°193	-5	...	...
...	35°461	+48°904	-5	M	...	...	33°343	-51°446	1.00	...	...	...	31°270	-38°214	-5	...	...
*	35°458	-32°086	0.95	51.10306	10.0	...	33°298	- 8°240	-3	...	...	...	31°254	+43°190	-4	M	...
...	-35°397	-45°431	-3	...	...	...	-33°293	+28°153	0.80	...	...	*	-31°231	-12°562	1.20	51.10316	9.5
...	35°369	+40°628	-1	...	...	*	33°246	- 4°688	1.50	51.10313	9.1	...	31°225	-40°696	0.90	...	...
...	35°307	+24°650	-4	M	...	...	33°240	- 1°817	-5	...	...	...	31°210	-54°104	-5	p	...
...	35°295	-24°453	0.65	...	...	...	33°197	- 4°245	-5	...	...	...	31°166	-53°867	1.00	...	...
...	35°146	+14°371	-5	M	...	...	33°190	+23°182	-5	M	...	...	31°145	+55°232	-5	M	...
66I	-35°067	+56°917	1.50	50.10022	9.4	72I	-33°145	+15°764	1.00	50.10023	9.9	78I	-31°119	-51°715	-5	...	...
*	35°063	+ 9°915	-2	...	...	*	33°140	+37°453	-5	M	...	...	31°075	-55°512	0.85	...	...
...	35°061	-49°801	0.75	...	...	...	33°132	-49°785	-5	p	...	...	31°020	-12°111	-3	...	...
...	34°989	-30°688	-5	...	...	...	33°090	+56°626	-4	M	...	...	31°005	-15°442	-4	...	...
...	34°906	+32°742	-5	M	...	...	32°991	-41°902	-3	...	...	...	30°989	+11°819	-5	M	...
...	-34°888	+39°791	-4	M	...	*	-32°939	+47°856	1.10	50.10024	9.8	...	-30°977	-33°476	-2	...	...
...	34°884	+21°791	0.95	...	...	...	32°885	+44°538	-5	M	...	*	30°925	-16°801	1.00	51.10317	9.9
...	34°870	+46°905	-5	M	...	...	32°849	+28°779	-3	M	...	...	30°885	+39°135	0.70	...	...
...	34°796	+24°557	-5	M	...	...	32°820	-49°633	-4	p	...	...	30°826	+27°704	-3	...	...
...	34°724	-44°569	-5	...	...	...	32°814	-49°220	0.70	...	...	...	30°743	-30°995	-4	...	...
67I	-34°713	+ 0°094	-5	M	...	73I	-32°757	-39°313	-5	...	...	79I	-30°730	+ 1°880	-5	M	...
*	34°663	-25°857	1.00	51.10307	9.9	...	32°732	+37°418	-5	M	...	...	30°696	+19°347	0.85	...	...
...	34°602	-31°977	-5	p	...	...	32°714	+24°521	-5	M	...	...	30°580	+31°570	-5	M	...
...	34°580	-10°749	-5	...	...	...	32°648	- 3°664	-5	...	...	...	30°558	-48°000	-3	...	...
...	34°546	-54°312	-5	...	...	...	32°601	+32°738	-4	M	...	...	30°543	-18°589	0.85	...	...
*	-34°539	+16°653	1.05	50.10021	9.5	...	-32°580	+ 5°248	-5	M	...	...	-30°462	+ 3°352	-4	...	...
...	34°534	-37°286	-2	...	...	...	32°576	+ 7°039	-5	M	...	...	30°446	+ 0°590	0.75	...	...
...	34°520	+10°126	-4	M	...	...	32°511	-40°591	-3	...	...	...	30°442	+39°017	-3	M	...
*	34°346	-34°551	1.80	51.10308	8.9	...	32°482	+53°662	-2	...	...	†	30°230	+39°921	-3	M	...
*	34°286	-11°155	1.05	51.10309	9.8	...	32°447	+45°067	-4	M	...	†	30°216	+17°406	-2	...	...
68I	-34°255	+25°552	-5	M	...	74I	-32°366	+41°394	1.00	50.10025	10.0	80I	-30°194	+26°978	0.80	...	...
...	34°229	-17°750	-3	...	...	*	32°348	+57°621	-5	M	...	*	30°159	+11°880	1.40	50.10026	9.5
...	34°225	+27°367	-3	...	...	...	32°338	+12°140	-5	M	...	...	30°146	+13°963	-2	...	...
...	34°201	- 8°956	-2	...	...	...	32°297	+36°966	-5	M	...	...	30°132	-50°658	0.90	...	...
...	34°133	+54°998	-4	M	...	...	32°255	-51°672	-5	...	...	...	30°109	+54°169	-1	...	...
...	-34°085	-53°064	-2	...	...	...	-32°117	+54°645	-5	M	...	...	-30°057	+27°001	-3	...	...
...	34°076	+ 6°969	-3	...	...	...	32°074	-16°071	-5	...	...	†	30°023	+54°772	-3	...	...
...	34°054	-36°813	-5	...	...	...	32°046	-52°827	-5	...	...	...	29°979	+26°744	-4	M	...
...	34°043	-24°404	-3	...	...	...	32°044	-31°859	-3	...	...	...	29°915	+39°607	-3	M	...
...	34°040	+21°718	-5	M	...	...	32°022	- 1°647	0.85	...	...	...	29°886	- 0°630	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
811-870						871-930						931-990					
81I	-29.753	+59.323	-3	...	...	87I	-27.531	-14.071	-4	...	...	93I	-25.487	-46.890	-3	...	...
...	29.724	-36.668	-3	...	...	...	27.424	-15.494	-5	p	...	...	25.485	+7.555	-5	M	...
...	29.711	-33.974	0.85	...	...	...	27.420	-4.387	-4	...	...	...	25.467	-6.707	0.65	...	...
...	29.702	-16.700	-5	...	...	...	27.404	+16.766	-5	M	...	...	25.450	+30.015	-5	M	...
...	29.626	-19.542	-3	...	...	...	27.400	+51.188	1.70	50.10033	9.0	*	25.427	+42.291	1.10	50.10039	9.9
...	-29.560	+22.476	0.85	...	...	...	-27.269	+47.066	1.30	50.10034	9.5	...	-25.405	-30.245	-3	...	...
...	29.555	+28.123	-5	M	...	...	27.234	+18.214	1.00	50.10031	9.8	...	25.400	+16.264	-3	...	...
...	29.535	+36.542	-3	...	...	...	27.231	-19.931	1.10	51.10320	9.6	†	25.295	+4.673	0.80	...	...
...	29.501	-19.115	-3	...	...	...	27.205	-44.839	-3	...	...	†	25.203	+10.010	0.65	...	...
...	29.431	+40.908	-5	M	...	...	27.124	-50.764	-5	...	...	†	25.197	-44.772	-4	...	...
82I	-29.380	-13.407	1.00	51.10318	9.7	88I	-27.123	+50.883	-5	M	...	94I	-25.187	-1.395	0.90	...	...
*	29.359	+36.087	1.30	50.10028	9.3	...	27.106	-47.533	-4	...	...	...	25.093	-3.795	-5	p	...
*	29.287	+13.654	-5	M	...	†	27.074	-39.882	-4	...	...	...	25.091	+57.161	-5	...	...
*	29.211	+15.556	1.10	50.10027	9.8	...	27.026	-2.496	0.80	...	...	...	25.037	-15.726	-5	...	...
...	29.142	+28.123	-4	M	...	...	27.001	+31.120	0.80	...	...	...	24.993	+38.532	-5	M	...
...	-29.086	+40.395	-3	M	...	*	-26.998	+34.104	1.80	50.10035	9.0	...	-24.964	+15.520	-5	M	...
...	29.070	-24.610	-5	p	...	...	26.978	+41.573	-3	...	...	...	24.928	+16.749	-4	M	...
...	29.003	-5.173	0.85	...	...	...	26.935	-34.572	-3	...	...	*	24.894	+4.343	1.15	50.10040	9.4
...	29.000	+26.014	-3	M	...	...	26.930	-52.279	-3	...	...	...	24.882	+46.343	-5	M	...
...	28.991	-16.243	-5	...	...	...	26.926	+8.172	-5	M	...	...	24.746	-49.662	-4	...	...
83I	-28.978	+29.179	0.65	...	...	89I	-26.926	-48.928	-3	...	...	95I	-24.688	-0.657	-3	...	...
...	28.926	+26.055	-3	M	...	...	26.922	-34.262	-5	p	...	...	24.679	+46.737	-5	M	...
...	28.912	+19.503	0.75	...	...	...	26.882	-24.161	-4	...	...	...	24.590	-7.729	-3	...	...
...	28.836	+31.319	-2	...	...	...	26.844	+46.085	-3	...	...	...	24.588	-1.094	0.85	...	...
...	28.835	-17.251	-4	...	...	...	26.835	+48.039	-2	...	...	...	24.579	+53.540	-4	M	...
...	-28.810	-11.212	-3	...	...	...	-26.833	-24.519	-4	...	...	*	-24.549	-32.669	2.20	51.10323	8.8
...	28.803	+28.718	-4	M	...	...	26.831	+14.002	-2	...	...	...	24.457	+44.096	0.90	...	...
...	28.741	-54.324	-2	...	...	...	26.801	+43.231	-2	...	...	...	24.449	+15.326	-5	M	...
...	28.728	-6.801	-1	...	...	...	26.721	-31.832	-5	p	...	...	24.434	-48.764	-5	p	...
...	28.641	-22.935	-4	...	...	...	26.653	-39.165	-2	...	...	...	24.381	+30.322	-5	M	...
84I	-28.595	-45.243	-2	...	...	90I	-26.556	+39.147	-5	M	...	96I	-24.347	-33.452	-5	p	...
...	28.585	-58.254	-5	...	...	...	26.551	+58.704	-5	M	...	...	24.343	+13.228	0.90	...	...
...	28.571	+17.079	-5	M	...	...	26.527	-34.676	0.85	...	...	*	24.340	-19.139	1.00	...	...
...	28.554	-18.470	-4	...	...	†	26.499	+9.969	-4	...	...	...	24.318	+55.954	1.05	...	...
...	28.543	+9.517	-4	...	...	...	26.492	+19.639	-4	M	...	...	24.278	+36.649	-5	M	...
...	-28.519	-27.183	-4	...	...	...	-26.487	-31.144	-2	...	...	...	-24.264	-56.626	1.00	...	...
...	28.485	+31.756	-5	M	...	...	26.458	-3.623	-3	...	...	...	24.202	-54.099	-5	...	...
...	28.471	+28.401	-5	M	...	...	26.420	-46.183	-2	...	...	...	24.181	+57.678	-4	M	...
...	28.445	-59.388	0.90	...	...	...	26.411	-34.749	-4	p	...	*	24.176	-23.551	1.05	51.10324	10.0
...	28.428	-47.282	-5	p	...	...	26.367	-51.325	-3	...	...	...	24.172	-53.739	-5	...	...
85I	-28.396	+59.310	-4	M	...	91I	-26.262	+18.688	0.70	...	...	97I	-24.116	+20.675	-5	M	...
...	28.368	-24.829	-5	...	...	...	26.209	+46.145	-4	M	...	...	24.105	+9.436	-5	M	...
...	28.324	+54.581	-4	M	...	...	26.201	+27.540	-1	...	...	...	24.023	-22.350	-5	...	...
...	28.310	+1.760	-5	M	...	...	26.167	-37.083	-5	p	...	...	24.017	+49.351	-4	...	...
...	28.230	+3.745	-5	M	...	...	26.134	+47.996	-5	M	...	...	23.814	-29.041	-3	...	...
...	-28.197	-58.453	-4	...	...	...	-26.066	+13.887	-5	M	...	...	-23.808	-24.349	-5	p	...
...	28.178	-57.601	-2	...	...	...	26.061	-26.591	-3	...	...	...	23.781	-1.490	-3	...	...
...	28.154	-8.567	-3	...	...	*	25.935	+13.369	1.30	50.10036	9.3	*	23.739	+51.360	1.00	...	...
...	27.994	+14.821	-3	...	...	...	25.834	+25.677	-5	M	...	...	23.626	-47.509	0.65	...	...
*	27.975	-11.599	1.10	51.10319	9.7	...	25.827	+49.262	-5	M	...	...	23.606	+55.990	-5	M	...
86I	-27.865	+3.549	-2	...	...	92I	-25.720	+18.140	-5	M	...	98I	-23.603	-12.181	0.70	...	...
...	27.862	+24.463	-5	M	...	*	25.714	-56.484	1.20	51.10321	9.5	...	23.594	-52.167	-4	...	...
*	27.770	+28.984	1.00	50.10029	9.8	...	25.686	+20.440	-2	...	...	*	23.568	+36.512	1.05	50.10041	9.9
*	27.668	+36.565	1.00	50.10030	9.8	...	25.671	-44.731	-2	...	...	...	23.555	+26.294	-5	M	...
*	27.668	+54.367	1.00	50.10032	9.8	...	25.606	+12.117	-4	...	...	...	23.443	-49.506	-5	...	...
...	-27.618	-53.189	-5	p	...	*	-25.586	+22.781	0.95	50.10037	9.9	...	-23.433	-52.703	-4	...	...
...	27.613	-54.578	-5	p	...	*	25.583	+47.527	1.40	50.10038	9.3	...	23.405	-27.391	1.00	...	...
...	27.599	-16.407	-4	...	...	...	25.569	+50.301	-4	M	...	...	23.398	+29.678	-5	M	...
...	27.564	+15.582	-5	M	...	...	25.516	-58.744	0.90	...	...	...	23.390	-18.828	-2	...	...
...	27.552	+23.642	-4	M	...	N *	25.502	-6.196	1.10	51.10322	9.4	...	23.386	+17.500	-5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	γ.		No.	Mag.		α.	γ.		No.	Mag.		α.	γ.		No.	Mag.
991-1050						1051-1110						1111-1170					
99I	-23°377	+44°143	-5	M	...	105I	-21°206	-59°527	0.80	...	...	111I	-18°901	-24°303	-5	p	...
...	23°326	-16°552	-4	...	...	...	21°158	+3°566	-5	M	...	...	18°724	+30°568	-3	M	...
...	23°296	+42°164	-5	M	...	*	21°089	+19°233	1.00	50.10043	10.0	...	18°723	-24°351	-5	...	...
...	23°246	+11°488	-5	M	...	...	21°054	-27°905	-4	...	...	*	18°711	-48°431	1.20	...	...
...	23°160	+0°618	0.90	...	...	...	20°992	-32°106	-5	...	...	*	18°629	-48°491	1.30	51.10328	9.1
...	-23°008	-10°498	-1	...	...	...	-20°955	-53°315	-5	...	...	...	-18°684	-2°635	-3	...	...
...	22°982	-10°530	-5	p	...	...	20°843	+45°864	1.00	...	...	...	18°650	-24°524	-5	...	...
...	23°007	+45°501	-5	M	...	†	20°760	-34°933	-5	...	...	...	18°645	-25°379	-5	p	...
...	23°001	-34°281	-5	...	...	...	20°629	+3°487	-3	...	...	*	18°581	+40°029	2.30	50.10046	8.5
...	23°000	+15°173	0.80	...	...	...	20°619	+46°619	-5	M	...	...	18°573	+51°671	-3	...	...
100I	...	...	...	...	...	106I	...	...	...	...	...	112I	...	...	...	...	...
...	-22°946	+55°458	-5	M	...	...	-20°611	-4°542	-5	...	...	...	-18°571	+58°021	-2	...	...
...	22°918	+10°142	-4	M	...	...	20°592	+18°078	-3	...	...	...	18°471	+54°179	0.90	...	...
...	22°856	-39°555	-4	...	...	...	20°551	+23°323	-4	...	...	...	18°471	-31°467	-2	...	...
...	22°843	+22°538	-5	M	...	...	20°517	-50°062	-4	...	...	...	18°459	+35°015	-5	M	...
...	22°679	+1°933	-3	...	...	...	20°489	+54°266	0.70	...	...	...	18°419	-30°178	-3	...	...
...	-22°670	+40°790	-5	M	...	...	-20°486	-8°456	-3	...	...	...	-18°399	+18°162	-3	...	...
...	22°659	+37°967	0.90	...	...	...	20°458	-11°302	-5	...	...	...	18°334	-38°812	-1	...	...
...	22°614	-51°247	-2	...	...	...	20°416	+52°787	-5	M	...	...	18°319	+44°049	-4	M	...
*	22°605	-3°630	1.00	51.10326	10.0	...	20°415	-48°982	-1	...	...	...	18°276	-56°894	-4	...	...
*	22°576	-54°167	1.00	...	...	...	20°413	+52°984	-3	...	...	...	18°242	-38°628	0.90	51.10329	10.0
101I	...	...	...	...	...	107I	...	...	...	...	...	113I	...	...	...	...	...
...	-22°572	+12°526	0.70	...	...	...	-20°404	+4°144	0.80	...	...	...	-18°220	+55°314	-5	M	...
...	22°521	-39°010	-4	...	...	...	20°401	+37°397	-3	...	...	...	18°219	-47°862	-5	p	...
...	22°497	+16°726	-5	...	...	...	20°370	-24°049	-5	...	...	...	18°189	-22°822	0.80	...	...
...	22°491	-37°163	0.90	51.10325	10.0	†	20°327	-43°267	-2	...	...	...	18°159	-10°545	1.00	51.10331	10.0
...	22°382	-34°193	-4	...	...	...	20°206	+5°918	-5	M	...	...	18°152	-55°993	-3	...	...
...	-22°372	+23°653	-5	M	...	†	-20°205	-52°895	-5	...	...	...	-18°112	+31°531	-3	...	...
†	22°320	-24°950	-5	...	...	...	20°205	-18°896	-4	...	...	*	18°082	-33°055	1.60	51.10330	9.3
...	22°312	+24°074	-5	M	...	...	20°182	-15°068	-5	...	...	...	17°971	-17°283	0.85	...	...
...	22°218	+12°292	-5	M	...	...	20°172	-29°531	-4	...	...	...	17°940	+20°235	0.65	...	...
...	22°171	-32°430	-5	...	...	...	20°107	+14°671	-4	M	...	...	17°932	+2°496	-4	M	...
102I	...	...	...	...	...	108I	...	...	...	...	...	114I	...	...	...	...	...
...	-22°163	+0°114	-4	M	...	...	-20°052	+24°543	-5	M	...	...	-17°881	-43°142	-5	...	...
*	22°129	+16°479	1.05	...	...	*	19°987	-18°967	1.30	51.10327	9.5	*	17°863	+18°000	0.95	50.10047	10.0
...	22°112	+0°878	-2	...	...	...	19°985	-6°770	0.80	...	...	*	17°775	-14°094	1.00	51.10332	9.9
...	22°094	+19°223	-5	M	...	...	19°968	+41°445	-5	M	...	...	17°736	+54°372	-4	M	...
...	22°077	+29°570	-3	...	...	...	19°891	-1°845	-5	...	...	...	17°723	-20°310	-5	p	...
...	-22°053	-11°939	-5	...	...	...	-19°849	+24°608	-4	M	...	*	-17°641	+27°090	1.00	50.10048	9.8
...	22°039	+5°626	-4	M	...	...	19°810	+2°413	-5	M	...	...	17°636	+49°336	-5	M	...
...	22°003	+47°228	-2	...	...	...	19°757	+5°560	-4	M	...	...	17°630	-53°647	-4	...	...
†	21°949	-44°874	-5	...	...	...	19°751	+57°640	-5	M	...	...	17°627	-23°847	-5	...	...
†	21°930	-19°944	0.70	...	...	...	19°747	+54°968	0.90	...	...	...	17°626	-53°199	-5	p	...
103I	...	...	...	...	...	109I	...	...	...	...	...	115I	...	...	...	...	...
...	-21°877	+7°265	-5	...	...	...	-19°738	+35°076	-5	M	...	*	-17°604	+57°982	1.00	...	...
...	21°864	+6°536	-3	...	...	...	19°730	-55°213	-4	...	...	...	17°597	+46°532	-5	M	...
...	21°852	+42°947	-5	M	...	...	19°695	+44°673	0.90	...	...	...	17°553	-20°374	-2	...	...
...	21°851	+55°705	0.90	...	...	*	19°688	+16°678	1.00	50.10044	9.8	...	17°487	-39°197	-4	...	...
...	21°844	-1°359	-4	...	...	...	19°665	+26°738	-2	...	...	...	17°470	+33°534	0.80	...	...
†	-21°816	-29°997	-4	...	...	...	-19°652	-4°881	-3	...	...	*	-17°460	+35°225	0.95	50.10049	10.0
...	21°766	+20°378	-3	...	...	†	19°610	+49°775	-4	M	...	...	17°458	-18°242	-5	p	...
...	21°761	+5°746	0.70	...	...	...	19°553	-53°127	-5	...	...	...	17°458	-30°369	-5	...	...
...	21°677	+29°452	-5	M	...	...	19°490	-22°024	-3	...	...	...	17°448	-17°657	-4	...	...
...	21°652	-26°658	-5	...	...	...	19°350	-31°526	-5	p	...	...	17°442	+37°830	-3	...	...
104I	...	...	...	...	...	110I	...	...	...	...	...	116I	...	...	...	...	...
*	-21°618	+18°250	1.15	50.10042	9.7	...	-19°315	+11°799	0.75	...	...	...	-17°422	-46°094	-2	...	...
...	21°615	+50°260	-5	M	...	...	19°275	+13°007	-4	M	...	...	17°403	-3°762	0.90	...	...
...	21°590	+41°135	-5	M	...	...	19°257	+36°268	-4	M	...	...	17°313	+17°871	-3	...	...
...	21°576	+44°981	-5	M	...	...	19°232	+26°059	-4	M	...	...	17°236	-11°009	-3	...	...
...	21°479	-22°060	-5	p	...	...	19°203	+42°084	-3	...	...	...	17°227	+18°519	-3	...	...
...	-21°397	-34°723	-5	...	...	...	-19°191	-21°474	-3	...	...	...	-17°209	-51°959	-5	...	...
...	21°375	+1°963	-5	M	...	*	19°178	+20°680	1.30	50.10045	9.3	...	17°183	+57°886	-4	M	...
...	21°335	+4°529	-3	...	...	...	19°163	-6°613	-5	...	...	...	17°164	+23°212	-5	M	...
...	21°266	+49°939	-5	M	...	...	18°969	+10°355	-5	M	...	...	17°128	+41°348	0.90	...	...
...	21°215	-32°769	0.80	...	...	...	18°929	+13°656	-1	...	...	...	17°057	+39°332	-3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1171-1230						1231-1290						1291-1350					
1171	-16° 981	+31° 476	1.70	50.10050	9.0	1231	-14° 873	-8° 854	-4	...	...	1291	-12° 888	+15° 329	2.30	50.10056	8.5
...	16° 846	-11° 918	-5	...	...	...	14° 812	+30° 356	-2	...	...	†	12° 872	-49° 877	-2	...	...
...	16° 782	+31° 819	-2	...	...	...	14° 681	+53° 390	-5	M	...	...	12° 856	-7° 330	1° 00	...	...
...	16° 766	+52° 938	-5	M	...	†	14° 671	+29° 857	-2	...	...	*	12° 843	-38° 296	1° 00	51.10337	10.2
...	16° 745	-20° 208	-3	...	...	...	14° 590	+40° 628	-5	M	...	...	12° 734	+16° 211	-3	M	...
...	-16° 670	-44° 302	0.80	...	...	...	-14° 584	+3° 412	-4	M	...	*	-12° 731	+16° 615	1° 60	50.10057	9.0
...	16° 525	+9° 372	-4	M	...	...	14° 533	-53° 825	-3	...	...	...	12° 700	-0° 377	0.80	...	...
...	16° 501	-3° 197	-2	...	...	*	14° 533	+42° 619	1° 40	50.10055	9.3	...	12° 700	-15° 660	-5	p	...
...	16° 459	+8° 935	0.85	...	...	...	14° 507	+22° 931	0° 90	...	...	...	12° 679	+40° 228	0° 75	...	...
...	16° 409	+56° 499	-2	...	...	...	14° 480	+57° 283	-5	M	...	...	12° 678	+13° 207	-4	M	...
1181	-16° 378	+45° 900	-3	...	...	1241	-14° 471	+56° 790	-5	M	...	1301	-12° 666	+1° 366	0° 95	...	...
...	16° 356	-44° 467	-3	...	...	...	14° 429	+53° 741	0° 95	...	...	...	12° 656	+49° 719	-5	M	...
...	16° 322	-5° 261	-3	...	...	...	14° 385	+21° 817	-4	M	...	...	12° 653	+23° 972	-5	M	...
...	16° 311	+6° 597	0° 90	50.10051	10.0	...	14° 339	+8° 115	-5	M	...	...	12° 639	-27° 754	-5	...	...
...	16° 290	+16° 374	-5	M	...	...	14° 315	-9° 108	-4	...	...	...	12° 639	-3° 396	-5	...	...
...	-16° 265	+31° 195	-2	...	...	...	-14° 296	+57° 703	0° 70	...	...	...	-12° 629	+11° 271	-3	M	...
...	16° 233	-43° 068	-2	...	...	...	14° 188	+17° 552	-4	M	...	...	12° 623	-4° 489	-4	...	...
...	16° 118	+6° 591	-1	...	...	...	14° 154	-38° 474	-3	...	...	...	12° 570	-28° 365	-2	...	...
...	16° 109	-50° 201	-5	...	...	...	14° 149	-21° 102	-4	...	...	...	12° 516	-27° 688	0° 75	...	...
*	16° 068	+46° 831	0° 95	...	...	...	14° 121	+37° 418	-4	M	...	...	12° 464	-3° 996	-4	...	...
1191	-16° 051	-59° 238	1° 40	51.10333	9.3	1251	-14° 092	-6° 298	-5	...	...	1311	-12° 460	+35° 908	-2	...	...
...	16° 018	-17° 863	-1	...	...	...	13° 989	+39° 949	-4	M	...	...	12° 449	+9° 439	-3	M	...
...	16° 015	-5° 416	0° 90	...	...	...	13° 983	+7° 580	0° 85	...	...	...	12° 337	-36° 277	0° 90	51.10338	10.2
...	15° 990	+6° 036	-5	M	...	...	13° 968	-17° 363	-3	...	...	...	12° 254	-53° 553	-4	...	...
...	15° 958	+18° 016	-5	M	...	...	13° 937	+20° 483	-2	...	...	...	12° 217	+39° 122	-4	M	...
...	-15° 945	-43° 951	-4	...	...	...	-13° 914	-11° 643	-5	p	...	...	-12° 206	+4° 673	-5	M	...
*	15° 938	+11° 000	1° 00	50.10052	9.8	...	13° 911	+28° 175	-4	M	...	...	12° 195	+19° 402	-3	...	...
...	15° 777	+20° 384	0° 65	...	...	...	13° 845	+18° 080	0° 90	...	...	...	12° 193	-41° 997	-5	...	...
*	15° 767	+26° 331	0° 90	...	...	*	13° 844	+28° 895	1° 00	...	...	...	12° 136	-56° 339	-5	p	...
...	15° 749	+23° 229	-5	M	...	...	13° 826	+48° 881	-4	M	...	...	12° 114	-27° 680	-5	...	...
1201	-15° 736	+16° 628	-2	...	...	1261	-13° 791	+52° 441	-5	M	...	1321	-12° 113	+58° 826	-5	M	...
...	15° 722	+13° 061	-5	M	...	...	13° 778	-23° 404	-4	...	...	*	12° 102	+2° 136	1° 20	50.10058	9.6
...	15° 674	-18° 497	-4	...	...	...	13° 777	+13° 142	-4	M	...	...	12° 082	+50° 073	-1	...	...
...	15° 667	-14° 366	-5	...	...	...	13° 765	+5° 599	-5	M	...	...	12° 040	+45° 535	-5	M	...
...	15° 599	-2° 926	-2	...	...	...	13° 750	+39° 605	-5	M	...	...	12° 039	-27° 496	-5	...	...
...	-15° 582	-27° 079	-3	...	...	...	-13° 748	-39° 488	-5	...	...	...	-11° 917	+8° 474	-4	...	...
...	15° 556	+24° 016	-5	M	...	...	13° 721	+42° 537	0° 90	...	...	...	11° 839	+18° 846	-5	M	...
...	15° 541	-27° 616	-2	...	...	...	13° 696	-26° 096	-4	...	...	...	11° 784	+36° 211	0° 75	...	...
...	15° 527	+51° 413	0° 90	...	...	...	13° 664	+48° 951	0° 75	...	...	...	11° 762	+31° 479	0° 80	...	...
...	15° 503	+30° 473	-3	M	...	...	13° 633	-58° 928	-5	...	...	...	11° 755	+39° 602	-4	M	...
1211	-15° 414	+32° 344	1° 80	50.10053	8.8	1271	-13° 611	-42° 290	-5	...	...	1331	-11° 735	+40° 834	-3	...	...
†	15° 399	+51° 782	-2	...	...	...	13° 545	+55° 612	1° 00	...	...	...	11° 732	-7° 370	-3	...	...
...	15° 377	-33° 590	1° 20	51.10334	9.5	...	13° 533	-32° 412	0° 70	...	...	s *	11° 707	-19° 652	3° 45	51.10339	8.2
†	15° 365	+3° 562	-1	...	...	...	13° 395	+17° 122	-5	M	...	...	11° 700	-8° 536	-5	p	...
†	15° 345	+10° 788	-3	...	...	...	13° 380	-47° 759	0° 90	...	...	...	11° 679	-56° 241	-3	...	...
†	-15° 326	+16° 460	0° 90	...	...	...	-13° 349	+30° 985	-4	M	...	...	-11° 581	+58° 946	-5	...	...
†	15° 326	-58° 375	-4	...	...	†	13° 252	-0° 023	-5	...	...	...	11° 525	+45° 289	1° 00	50.10059	10.0
†	15° 257	+37° 528	-2	...	...	...	13° 250	+19° 526	-4	M	...	...	11° 482	-16° 338	-5	...	...
...	15° 235	+48° 361	0° 90	...	...	...	13° 224	+28° 046	0° 80	...	...	...	11° 286	-5° 699	-5	...	...
...	15° 232	-3° 416	-1	...	...	...	13° 182	+33° 495	-2	...	...	...	11° 261	-4° 075	-3	...	...
1221	-15° 226	-43° 204	-3	...	...	1281	-13° 116	-47° 673	-4	...	...	1341	-11° 246	+59° 299	-4	...	...
†	15° 210	+34° 291	0° 95	...	...	...	13° 059	+16° 953	-5	M	...	...	11° 201	+33° 364	-5	M	...
...	15° 206	+4° 496	-5	M	...	...	13° 037	+13° 505	-5	M	...	...	11° 195	+12° 971	-5	M	...
...	15° 144	-46° 983	-5	p	...	...	13° 005	-58° 675	0° 70	...	...	...	11° 095	-23° 687	-5	...	...
...	14° 982	+10° 458	0° 90	...	...	*	13° 004	+58° 602	1° 15	49.9948	10.0	...	11° 091	+27° 646	-4	M	...
...	-14° 982	+40° 539	-2	...	...	...	-13° 000	-40° 732	0° 90	51.10336	10.2	*	-11° 087	+45° 840	1° 30	50.10060	9.5
*	14° 962	+30° 980	1° 40	50.10054	9.2	...	12° 998	+50° 664	-3	...	...	...	11° 057	+7° 730	-4	M	...
...	14° 947	-14° 773	1° 00	51.10335	10.0	...	12° 979	+44° 993	-5	M	...	...	10° 878	-50° 993	-5	...	...
...	14° 919	+22° 904	-5	M	...	...	12° 945	+8° 128	-5	M	...	...	10° 855	+36° 941	-5	M	...
...	14° 875	+10° 232	-5	M	...	...	12° 916	+24° 781	-3	...	...	*	10° 827	-47° 939	1° 00	51.10340	10.2

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1351-1410						1411-1470						1471-1530					
I35I	-10° 8'23	-2° 4'66	-5	°	...	I41II	-8° 5'48	+19° 5'15	-2	°	...	I47I	-6° 1'42	+49° 4'45	-5	c	M
...	10° 7'18	+13° 6'92	0.65	...	...	...	8° 5'34	+31° 6'68	-3	...	...	...	6° 0'94	-44° 6'81	-3	...	...
...	10° 6'57	+38° 6'97	0.90	...	...	...	8° 5'10	-0° 5'33	-4	...	...	...	5° 9'67	+1° 6'74	-5	M	...
...	10° 6'50	-21° 1'50	-5	...	...	...	8° 4'65	-28° 2'03	-2	...	...	...	5° 9'30	+6° 3'50	-2	...	...
...	10° 5'85	-7° 9'86	-5	...	...	...	8° 4'48	-57° 3'96	-4	p	...	...	5° 8'52	+5° 1'24	-5	M	...
...	-10° 4'08	+1° 9'32	-5	M	...	...	-8° 4'19	-54° 4'75	-5	p	...	...	-5° 5'75	-30° 5'04	-2	...	...
†	10° 3'86	+54° 4'74	-4	...	...	...	8° 3'13	+24° 1'21	-4	M	...	...	5° 5'59	+16° 6'27	0.90	...	...
...	10° 2'12	-50° 8'01	-1	...	...	...	8° 3'04	-8° 2'04	-5	...	...	...	5° 4'88	-19° 6'83	-5	p	...
...	10° 1'90	-38° 9'74	-3	...	...	...	8° 1'62	+58° 3'66	-3	...	...	...	5° 4'67	+32° 9'80	-4	M	...
...	10° 1'69	+12° 5'10	-4	M	...	...	8° 1'48	-43° 0'01	-4	p	...	...	* 5° 4'51	-23° 3'40	1.50	51.10342	9.4
I36I	-10° 1'26	+11° 0'32	-4	...	...	I42I	-8° 0'14	-2° 9'74	-5	...	...	I48I	-5° 4'24	+41° 0'16	0.80	...	...
...	10° 1'08	-34° 7'36	-5	p	...	...	7° 9'81	-12° 5'73	-5	...	...	...	5° 4'07	+14° 3'36	-3	...	...
...	10° 0'76	+35° 5'71	-3	M	...	*	7° 9'62	+54° 2'22	1.90	50.10063	8.9	†	5° 3'77	-21° 7'07	-4	...	...
...	10° 0'49	-21° 3'98	0.90	...	...	...	7° 9'53	-35° 8'07	-3	...	...	†	5° 3'06	+35° 0'04	-4	...	...
...	9° 9'87	+51° 0'57	-2	...	...	...	7° 9'02	+25° 7'53	0.85	...	...	†	5° 2'77	+14° 4'90	-5	M	...
...	-9° 9'68	+32° 2'62	-5	M	...	...	-7° 8'71	+27° 6'61	-5	M	...	...	-5° 2'60	+56° 7'08	-3	...	...
*	9° 9'10	+22° 4'06	1.60	50.10061	9.3	*	7° 8'44	+26° 3'85	0.90	...	...	...	5° 2'30	-22° 3'52	-5	...	...
...	9° 9'02	-52° 7'67	-4	...	...	...	7° 8'06	-30° 6'17	-5	p	...	...	5° 2'22	-43° 3'00	0.80	...	...
...	9° 8'94	+53° 4'17	-5	M	...	...	7° 7'94	-56° 2'17	-4	...	...	...	5° 1'80	+39° 3'95	-4	M	...
...	9° 8'80	+10° 8'54	-3	...	...	...	7° 7'01	+4° 0'01	-4	M	...	...	* 5° 1'34	+10° 4'73	1.10	50.10069	10.0
I37I	-9° 8'79	+35° 2'87	-5	M	...	I43I	-7° 6'70	+35° 5'39	-3	M	...	I49I	-5° 0'35	+17° 5'20	1.50	50.10070	9.3
...	9° 8'26	+45° 4'56	-3	...	...	*	7° 6'32	+25° 9'47	0.90	50.10064	10.2	...	5° 0'24	+17° 2'51	-1	...	...
...	9° 7'38	+53° 0'86	-5	M	...	...	7° 5'99	-57° 3'45	-3	...	...	...	5° 0'19	+14° 2'38	-4	M	...
*	9° 6'90	+15° 1'61	2.60	50.10062	8.4	...	7° 5'84	-19° 3'89	-3	...	...	...	4° 9'67	-46° 6'60	-4	...	...
...	9° 6'56	+58° 1'91	-5	M	...	...	7° 5'64	+2° 2'31	-3	...	...	...	4° 7'71	+48° 0'35	0.70	...	...
...	-9° 6'33	-34° 3'36	-2	...	...	*	-7° 5'47	+34° 3'35	1.30	50.10065	9.7	...	-4° 7'65	+38° 9'98	-5	M	...
...	9° 6'15	-28° 8'15	0.85	...	...	...	7° 5'42	+41° 7'00	0.75	...	...	...	4° 7'50	-41° 4'44	-5	p	...
...	9° 5'94	-41° 2'46	-5	p	...	...	7° 5'09	+15° 2'72	-4	M	...	...	4° 7'18	+37° 6'98	-5	M	...
...	9° 5'81	+0° 2'48	-5	M	...	...	7° 4'27	-49° 3'30	-1	...	...	...	4° 7'12	-5° 2'08	-5	...	...
...	9° 5'36	+40° 6'77	-4	M	...	...	7° 1'94	+35° 3'66	-3	M	...	...	* 4° 6'95	-37° 8'32	1.05	51.10343	10.2
I38I	-9° 5'12	-35° 6'88	-4	p	...	I44I	-7° 1'12	+40° 2'93	-3	M	...	I50I	-4° 6'71	+57° 7'62	-5	M	...
...	9° 5'06	+27° 3'26	0.85	...	...	...	7° 0'96	-16° 5'59	0.65	...	...	...	4° 5'93	+26° 9'04	-5	M	...
†	9° 4'95	+0° 0'15	-4	M	...	...	6° 9'60	-26° 0'82	-5	p	...	...	4° 4'50	-10° 6'89	-3	...	...
...	9° 4'50	-31° 1'19	-3	...	...	...	6° 9'40	+38° 1'26	-4	M	...	†	4° 4'06	-15° 0'00	-5	p	...
...	9° 4'33	+32° 9'08	-4	M	...	...	6° 9'33	-56° 6'19	-3	...	...	...	4° 3'75	-25° 8'29	1.00	51.10344	10.2
...	-9° 4'25	-47° 5'70	-5	...	...	...	-6° 9'28	+1° 8'39	0.85	...	...	...	-4° 2'40	-40° 0'09	-5	...	...
...	9° 4'24	+9° 8'79	-2	...	...	...	6° 8'08	+57° 2'34	-5	M	...	...	4° 1'81	+47° 6'89	-2	...	...
...	9° 4'08	+16° 8'22	-5	M	...	...	6° 7'66	+35° 6'23	-4	M	...	...	4° 1'36	-47° 4'16	-4	...	...
...	9° 2'53	-57° 3'15	-4	...	...	...	6° 7'30	+43° 8'32	-3	...	...	...	4° 1'32	+57° 1'70	-3	...	...
...	9° 2'46	-52° 0'77	-4	...	...	...	6° 6'82	+28° 4'41	-5	M	...	...	4° 1'21	-37° 4'46	-5	...	...
I39I	-9° 1'69	+49° 3'63	-5	M	...	I45I	-6° 6'73	+55° 8'10	-5	M	...	I51I	-4° 1'08	-14° 2'81	-5	p	...
...	9° 1'64	-32° 4'81	-3	...	...	...	6° 6'66	-45° 9'79	-3	...	...	...	4° 0'97	-22° 5'78	-5	...	...
...	9° 1'59	-5° 8'48	-3	...	...	...	6° 6'64	-5° 9'73	-2	...	...	...	4° 0'91	+44° 5'89	-4	M	...
...	9° 1'49	-36° 6'77	-5	p	...	...	6° 6'35	-28° 6'69	-5	...	...	...	4° 0'51	-58° 2'24	0.90	...	...
...	9° 0'95	-53° 3'20	-4	...	...	...	6° 6'07	+48° 3'36	-4	M	...	...	4° 0'32	+6° 2'62	-5	M	...
...	-9° 0'28	-48° 7'70	-4	p	...	...	-6° 6'02	-22° 0'04	-3	...	...	...	-3° 9'79	-30° 5'22	-5	p	...
...	9° 0'13	+8° 6'22	-3	...	...	*	6° 5'70	-32° 7'96	1.00	51.10341	10.2	...	3° 9'57	+55° 4'88	-4	...	...
...	8° 9'79	-56° 1'35	-4	p	...	S *	6° 5'31	+38° 7'99	3.20	50.10066	7.7	...	3° 9'40	+25° 6'55	-5	M	...
...	8° 9'74	+18° 6'87	-5	M	...	...	6° 4'77	-42° 3'06	-4	p	...	...	3° 9'21	-55° 1'20	-5	...	...
...	8° 9'65	+32° 1'61	-2	...	...	...	6° 4'14	-45° 3'15	-3	...	...	...	3° 9'17	+17° 1'43	0.70	...	...
I40I	-8° 9'41	+0° 7'94	-2	...	...	I46I	-6° 3'42	-22° 8'53	-5	p	...	I52I	-3° 8'94	+14° 5'97	-5	M	...
...	8° 9'39	+52° 0'79	-4	M	...	...	6° 3'38	-2° 2'38	-5	p	...	...	3° 8'76	+52° 5'84	-2	...	...
...	8° 9'09	+31° 9'82	-5	M	...	...	6° 3'35	-59° 0'16	-3	...	...	...	3° 8'62	+9° 0'36	0.75	...	...
...	8° 9'09	+29° 5'60	-2	...	...	...	6° 2'88	+58° 8'70	-4	...	...	...	3° 8'51	+34° 6'56	-4	M	...
...	8° 7'38	+3° 8'25	-4	M	...	...	6° 2'84	+48° 9'37	-5	M	...	...	3° 8'50	+58° 9'37	-4	...	...
...	-8° 7'07	+36° 0'68	0.65	...	...	†	-6° 2'63	+34° 8'70	0.90	50.10068	10.2	...	-3° 8'19	+40° 6'35	-4	M	...
...	8° 6'86	+46° 1'53	-5	M	...	*	6° 2'50	-36° 5'59	-4	...	...	...	3° 8'05	-17° 4'95	-5	p	...
...	8° 6'47	+48° 3'58	-2	...	...	...	6° 2'42	+1° 0'64	1.10	50.10067	10.0	...	3° 7'53	+30° 5'71	-2	...	...
...	8° 6'47	+38° 1'31	-5	M	...	...	6° 1'96	-8° 6'51	-5	p	...	...	3° 4'88	-19° 2'45	0.65	...	...
...	8° 6'07	+28° 8'59	-4	M	...	...	6° 1'73	+40° 8'20	0.80	...	...	...	3° 4'05	-52° 5'72	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1531-1590						1591-1650						1651-1710					
1531	-3.398	+15.926	-5	M	...	1591	-1.278	+31.968	-4	Mm	...	1651	+1.170	-23.068	-3	...	...
...	3.277	+14.524	-3	...	...	...	1.182	+11.865	0.75	m	...	...	1.189	-37.253	-5	...	...
...	3.255	+56.081	-4	...	...	*	1.177	+19.097	1.15	50.10073	9.8	*	1.259	-24.375	1.00	51.10346	10.2
...	3.108	-24.316	-4	...	...	...	1.144	+14.284	-5	Mm	...	...	1.302	-27.545	0.90	...	...
...	3.062	-55.069	-5	...	...	...	1.086	+30.581	-2	m	...	†	1.328	+34.938	-3	m	...
†	-2.975	-15.035	-4	...	...	...	-0.956	+11.463	-5	Mm	...	...	+1.332	+42.781	-2	m	...
...	2.973	+50.769	-5	M	...	...	0.947	+41.141	-5	Mm	...	...	1.336	+43.671	-3	m	...
...	2.952	+57.695	0.85	...	...	...	0.881	+23.107	0.95	...	...	...	1.481	-1.507	0.90	...	...
...	2.912	-32.277	-5	...	...	...	0.847	-48.130	-5	...	...	...	1.488	-32.137	-5	...	...
...	2.883	-2.732	-5	...	...	...	0.775	+51.810	-5	Mm	...	...	1.567	-41.329	-4	...	...
1541	-2.763	-52.712	-5	...	...	1601	-0.741	-0.273	-5	p	...	1661	+1.585	-31.860	1.40	51.10348	9.5
...	2.757	-26.145	-4	...	...	*	0.702	+47.881	1.15	50.10074	9.8	...	1.593	+30.357	-4	m	...
...	2.740	+43.239	-5	M	...	...	0.675	-1.750	-2	...	...	...	1.667	-53.499	0.90	...	...
...	2.692	+45.214	-4	...	...	...	0.661	+37.467	-5	Mm	...	...	1.669	+17.469	-3	m	...
...	2.671	-10.260	-3	...	...	...	0.641	+2.810	-5	Mm	...	...	1.731	+26.175	-1	m	...
...	-2.580	-18.749	-5	...	...	...	-0.600	+37.665	-4	Mm	...	...	+1.734	-53.550	-5	p	...
*	2.572	+27.855	1.00	...	...	...	0.491	+52.348	1.10	50.10075	10.1	...	1.767	+42.766	-3	m	...
...	2.520	+48.344	-3	...	...	...	0.485	+8.105	-5	Mm	...	...	1.814	+11.330	-2	m	...
...	2.487	+9.400	-5	Mm	...	...	0.449	-1.771	-5	...	...	...	1.815	+59.343	-3	...	...
...	2.463	+51.215	0.65	...	...	†	0.399	+54.941	-3	...	...	...	1.818	-26.029	-3	...	...
1551	-2.419	+55.903	0.95	...	...	1611	-0.298	-23.744	-5	...	...	1671	+1.833	-57.219	-3	...	...
...	2.414	+19.418	-4	Mm	...	†	0.210	+3.897	-5	Mm	...	...	1.856	+18.030	0.90	...	...
...	2.411	+36.284	-2	m	...	...	0.182	+50.444	-4	Mm	...	...	1.866	+36.087	-5	Mm	...
...	2.407	+44.765	-5	M	...	...	0.133	+55.892	-5	Mm	...	*	1.872	+31.963	3.20	50.10077	7.8
...	2.386	+40.988	-5	M	...	...	0.112	+7.076	-3	Mm	...	*	1.922	+27.481	5.40	50.10078	7.2
...	-2.378	+27.729	-5	Mm	...	...	-0.084	+19.480	-5	Mm	...	...	+1.935	+59.468	-2	...	...
...	2.348	-44.469	-5	...	...	...	0.065	-9.564	-3	...	...	...	2.016	-14.862	-5	...	...
...	2.187	-46.584	-5	p	...	...	0.042	-8.282	-3	...	...	...	2.064	+56.318	-5	m	...
...	2.164	+55.540	-5	M	...	...	-0.038	-41.161	-4	...	...	...	2.123	-29.321	-4	...	...
*	2.078	+26.092	1.00	50.10071	10.2	+	0.029	-58.996	-4	...	...	...	2.142	+9.226	0.90	...	...
1561	-2.048	+44.671	-5	Mm	...	1621	+0.113	+41.096	0.95	...	...	1681	+2.149	+38.887	-4	m	...
...	2.000	-55.690	-3	...	...	...	0.136	-20.308	-3	...	...	...	2.191	+57.608	-3	...	...
...	1.971	+42.041	-5	Mm	...	...	0.174	+34.151	-5	Mm	...	...	2.193	+15.995	-4	Mm	...
...	1.955	+16.093	-5	Mm	...	...	0.224	+3.239	-3	Mm	...	...	2.206	-4.675	-5	...	...
...	1.928	-7.806	-1	...	...	...	0.226	-34.781	-2	...	...	...	2.261	+10.754	-4	Mm	...
...	-1.922	+47.839	-5	Mm	...	+	0.260	+23.946	-5	Mm	...	...	+2.263	-6.746	-5	...	...
...	1.861	-23.861	0.85	...	...	...	0.263	+48.287	-4	Mm	...	...	2.268	+2.900	-5	Mm	...
...	1.839	-3.741	0.75	...	...	...	0.267	-34.299	-5	...	...	...	2.268	-59.215	-4	...	...
...	1.797	+31.554	-5	Mm	...	...	0.279	-24.162	-2	...	...	...	2.297	-49.016	-4	...	...
...	1.790	-11.957	-5	...	...	*	0.294	+44.682	0.90	...	...	*	2.315	+45.374	1.00	50.10079	10.2
1571	-1.762	+37.013	-3	m	...	1631	+0.308	+4.369	-4	Mm	...	1691	+2.345	-42.585	-4	...	...
...	1.664	-43.789	0.85	...	...	...	0.412	+31.131	-1	...	...	...	2.366	+52.656	-3	m	...
...	1.645	+0.171	-3	Mm	...	...	0.412	+52.500	0.90	...	...	...	2.383	-10.096	-5	...	...
*	1.641	-21.791	1.20	51.10345	9.6	...	0.471	-39.434	0.70	...	...	...	2.484	+25.525	-3	m	...
...	1.623	+36.348	-5	Mm	...	...	0.499	-0.915	-3	...	...	...	2.494	-21.312	0.90	...	...
...	-1.580	+6.665	-3	...	...	+	0.687	-24.202	-4	...	...	...	+2.496	+19.152	-4	Mm	...
...	1.525	-46.947	-5	...	...	...	0.704	-41.434	-4	...	...	*	2.518	+8.297	1.00	...	...
...	1.580	+56.573	-4	m	...	...	0.751	-8.938	-3	...	...	...	2.579	+36.840	-5	m	...
...	1.478	-18.697	-4	...	...	*	0.785	+17.220	0.95	50.10076	10.2	...	2.580	-21.767	-3	...	...
...	1.467	+20.843	-3	m	...	...	0.807	+46.363	0.90	...	...	...	2.592	-49.649	-3	...	...
1581	-1.465	+48.805	1.20	50.10072	9.8	1641	+0.814	+4.351	-4	Mm	...	1701	+2.666	+24.876	-2	m	...
...	1.440	-17.619	-3	...	...	...	0.838	+55.543	-5	Mm	...	†	2.681	+43.117	-2	b	...
...	1.415	+6.995	-3	Mm	...	...	0.860	-44.707	-2	...	...	...	2.707	+50.328	-1	b	...
...	1.413	+5.948	-4	Mm	...	...	0.885	+34.090	-5	Mm	...	...	2.733	+17.221	-4	m	...
...	1.401	-25.938	-5	...	...	...	0.893	+37.508	-4	Mm	...	...	2.831	+16.553	0.80	...	...
...	-1.378	+2.024	-1	m	...	+	0.941	-29.860	0.85	...	...	...	+2.840	+44.936	-3	m	...
...	1.348	+35.608	-5	Mm	...	...	0.991	-10.958	-3	...	...	...	2.955	-2.501	-3	...	...
...	1.339	-2.053	-5	p	...	...	1.028	+50.950	-5	Mm	...	...	2.978	-3.967	-5	...	...
...	1.337	-1.330	-5	p	...	...	1.042	+30.603	-4	m	...	...	2.987	-52.957	-3	m	...
...	1.324	+23.996	-5	Mm	...	*	1.165	-14.142	1.00	51.10347	10.0	...	2.997	+58.139	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.				
	α .	δ .		No.	Mag.		α .	δ .		No.	Mag.		α .	δ .		No.	Mag.			
1711-1770						1771-1830						1831-1890								
1711	+	3°058	-44°246	1°30	51.10349	9·5	1771	+	4°998	-38°779	-5	...	1831	+	7°360	-52°648	-4	...		
...	...	3°073	+34°449	0°80	...	...	...	...	5°015	-50°774	-3	...	...	...	7°360	+8°375	-5	...		
...	...	3°076	-0°029	1°10	50.10080	9·8	...	...	5°046	-47°794	1°00	50.10083	10·1	...	7°362	-11°650	1°15	51.10357		
...	...	3°081	+28°284	-4	m	...	...	...	5°054	+27°636	-5	m	...	...	7°375	-37°843	-5	...		
...	...	3°089	+53°705	-5	m	...	...	...	5°055	+30°001	-5	m	...	...	7°385	+9°105	-5	m		
...	+	3°149	-50°108	-2	...	...	...	+	5°099	+46°760	-3	m	...	+	7°406	-37°523	-4	...		
...	...	3°168	-41°108	-5	...	...	...	...	5°161	+10°068	-4	m	...	...	7°420	-39°540	-5	...		
...	...	3°206	-36°605	1°00	51.10350	9·4	...	...	5°162	-34°905	0°65	...	...	...	7°457	-13°268	-5	...		
...	...	3°207	-36°515	1°00	...	...	...	...	5°211	-37°833	-2	...	...	...	7°496	-53°580	-5	...		
...	...	3°239	+52°794	-4	m	...	...	...	5°286	+39°209	-3	m	...	...	7°551	-25°347	0°70	...		
1721	+	3°282	+38°668	-5	m	...	1781	+	5°375	+46°776	-5	m	...	1841	+	7°552	-17°349	0°90	...	
...	...	3°292	+39°345	1°50	50.10081	9·3	...	...	5°391	+7°711	-5	m	...	...	7°674	+57°210	-5	m		
...	...	3°469	+25°138	-5	m	...	...	...	5°426	-44°008	-5	...	...	...	7°740	-13°668	-5	...		
...	...	3°472	-23°571	1°00	51.10351	10·2	...	...	5°427	+44°698	-5	m	...	...	7°785	-36°422	-4	...		
...	...	3°521	+5°374	-5	m	...	...	...	5°586	+3°162	-5	m	...	...	7°800	+37°722	-3	m		
...	+	3°568	+18°083	-4	m	...	...	+	5°611	+38°178	-4	m	...	+	7°944	+12°773	-5	m		
...	...	3°573	-44°267	-5	...	...	...	...	5°624	+46°256	-3	m	...	...	7°952	+58°887	0°90	...		
...	...	3°655	+48°365	-5	m	...	...	...	5°641	+36°915	-5	m	...	...	8°005	-9°338	-4	...		
...	...	3°657	+5°848	-5	m	...	...	...	5°650	-2°126	-5	...	...	...	8°124	+35°227	-3	m		
...	...	3°714	+15°077	-5	m	...	...	...	5°670	+18°663	-3	m	...	...	8°146	-6°186	0°70	...		
1731	+	3°739	+44°107	-4	m	...	1791	+	5°705	+2°770	-3	m	...	1851	+	8°179	-46°912	-5	...	
...	...	3°755	-39°644	-5	...	...	...	...	5°764	-40°058	0°75	...	...	...	8°275	+47°167	-3	m		
...	...	3°785	-18°855	-5	...	...	...	...	5°775	+49°729	0°90	...	...	...	8°282	+58°951	-5	m		
...	...	3°861	-12°511	-5	...	...	...	...	5°843	-38°901	-5	...	...	...	8°315	-9°965	-3	...		
...	...	3°903	+43°198	-2	b	...	...	...	5°845	+16°635	1°15	50.10085	9·8	...	8°342	-55°191	-4	...		
...	+	3°921	+50°178	-2	b	...	...	+	5°858	+57°871	2°80	50.10084	8·3	...	+	8°382	+22°258	-5	m	
...	...	3°969	+41°156	-5	m	...	...	...	5°876	-40°057	-5	...	...	...	8°412	-55°607	-5	...		
...	...	3°974	-8°782	-4	...	...	...	...	5°917	+1°674	-4	m	...	...	8°455	-14°659	-4	...		
...	...	4°000	-6°216	0°90	...	...	...	...	6°007	-40°192	3°30	51.10354	8·0	...	8°464	+58°506	-5	m		
...	...	4°067	-33°520	-4	...	...	...	...	6°018	+7°343	-5	m	...	...	8°514	-20°010	-4	...		
1741	+	4°158	+48°427	-3	m	...	1801	+	6°021	+41°031	0°80	...	...	1861	+	8°516	-43°690	1°60	51.10358	
...	...	4°210	+42°108	-5	m	...	...	...	6°077	+18°672	-3	m	...	...	...	8°517	-2°460	-2	...	
...	...	4°263	+45°789	-5	m	...	...	...	6°115	-42°655	-4	...	...	...	...	8°548	+19°170	-5	m	
...	...	4°281	+55°513	-4	m	...	...	...	6°209	+47°700	-4	m	...	...	...	8°569	-22°135	-5	p	
...	...	4°282	-41°517	-3	...	...	...	...	6°227	+46°678	0°90	...	...	...	...	8°618	+8°739	0°70	b	
...	+	4°286	-39°146	-4	...	...	...	+	6°230	-12°142	2°00	51.10355	8·9	...	+	8°654	-43°539	-5	...	
...	...	4°294	+8°152	-3	m	...	...	...	6°301	+18°620	-5	m	...	...	...	8°665	-48°245	-5	...	
...	...	4°309	-25°603	0°85	...	...	...	...	6°333	+38°896	-4	m	...	...	...	8°673	+33°266	-4	m	
...	...	4°312	+58°840	-3	...	...	...	...	6°437	+45°585	-4	m	...	...	...	8°725	-13°951	-5	...	
...	...	4°338	-1°511	1°10	51.10352	10·0	...	...	6°454	+56°341	-4	m	...	...	...	8°777	+20°327	-5	m	
1751	+	4°358	+19°203	-4	m	...	1811	+	6°465	-27°977	-5	p	...	1871	+	8°818	-27°455	-5	...	
...	...	4°375	+45°844	-3	m	...	...	...	6°466	+16°083	-5	m	...	...	...	8°887	-46°026	-2	...	
...	...	4°445	-47°173	-5	...	...	...	...	6°547	+38°946	-5	m	...	...	...	8°918	-1°436	-4	...	
...	...	4°457	+51°812	-4	m	...	...	...	6°558	+36°758	-2	m	...	...	...	8°933	+25°552	-4	m	
...	...	4°473	+21°982	-5	m	...	...	...	6°666	+12°384	-3	m	...	...	...	8°938	+51°279	-5	m	
...	+	4°506	+33°755	0°75	...	...	...	+	6°704	+3°591	-4	m	...	...	+	8°942	-6°055	-2	...	
...	...	4°512	+32°578	-4	...	...	...	...	6°704	-47°417	-2	...	...	...	...	9°060	-2°316	-4	...	
...	...	4°528	-27°999	0°90	...	...	...	...	6°714	+18°055	-5	m	...	...	...	9°080	+32°510	-5	m	
...	...	4°529	-47°738	-2	...	...	...	...	6°725	-45°115	-5	...	...	...	...	9°083	+3°793	0°70	b	
...	...	4°543	+3°127	-5	m	...	...	...	6°830	-47°696	-4	...	...	...	...	9°095	+34°318	-5	m	
1761	+	4°583	+39°710	-5	m	...	1821	+	6°876	+47°429	-5	m	...	1881	+	9°106	+36°222	-3	m	
...	...	4°609	+55°767	0°90	...	...	...	...	6°934	-34°367	-4	...	...	...	...	9°142	+45°783	1°00	...	
...	...	4°617	-36°452	0°75	...	...	...	...	7°004	-20°775	1°50	51.10356	9·2	...	...	9°254	+33°072	0°85	...	
...	...	4°649	+23°680	1°35	50.10082	9·4	...	...	7°015	+4°853	0°90	...	...	...	...	9°257	+40°810	1°15	50.10088	
...	...	4°705	+17°610	-4	m	...	...	...	7°059	+42°644	1°30	50.10087	9·5	...	...	9°262	-28°159	-5	...	
...	+	4°781	-41°045	2°00	51.10353	8·6	...	...	+	7°099	+15°397	2°00	50.10086	9·0	...	+	9°312	+30°385	-5	m
...	...	4°865	+58°711	-4	m	...	...	...	7°104	+3°154	-5	m	...	...	S *	9°342	-51°539	4°85	51.10359	
...	...	4°927	+33°208	0°85	...	...	...	...	7°110	+35°413	-4	m	...	...	...	9°406	+40°757	0°80	...	
...	...	4°988	-6°430	-4	...	...	...	...	7°194	+33°707	-5	m	...	...	...	9°443	-1°137	-2	...	
...	...	4°998	-51°156	-3	...	...	...	...	7°313	-44°686	-5	...	...	...	...	9°502	+18°008	-5	m	

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.			
	z.	y.		No.	Mag.		z.	y.		No.	Mag.		z.	y.		No.	Mag.		
1891-1950						1951-2010						2011-2070							
189I	+	9.52I	-50.554	1.40	51.10360	9.1	+	11.495	-46.866	-4	...	201I	+	14.233	-12.917	-5	p		
+	9.608	+48.530	2.20	50.10089	8.8	+	11.750	-54.888	-4	...	...	...	14.234	+20.927	-5	m			
+	9.618	-16.623	0.70	...	...	...	11.753	+8.767	-5	m	...	...	14.347	-24.538	-1	...			
+	9.654	-42.544	-3	...	...	...	11.761	+50.712	-4	m	...	...	14.347	+56.770	-2	...			
...	9.784	+42.599	-3	m	...	...	11.831	-41.903	-3	...	...	...	14.361	+15.345	-3	m			
*	+	9.790	+41.031	1.00	...	...	+	11.837	+42.764	-3	m	...	*	+	14.364	+21.899	1.10	50.10095	9.8
...	9.844	+12.720	0.90	...	...	...	11.943	-13.155	-4	...	...	*	14.368	-5.921	1.00	51.10363	9.9		
...	9.845	+33.520	-5	m	...	...	11.955	-41.631	-3	...	...	...	14.373	-24.576	-1	...			
...	9.891	-5.720	-1	...	...	...	12.022	+7.526	-4	m	...	...	14.409	-57.493	-5	p			
...	9.900	-33.490	-2	...	...	...	+	12.057	-34.849	3.50	51.10362	7.8	...	14.448	-30.528	-4	...		
190I	+	9.986	+13.441	-5	m	...	196I	+	12.067	-12.842	-5	p	202I	+	14.511	+39.489	-5	m	
*	10.000	+55.441	1.40	50.10090	9.7	...	...	12.095	+25.287	-3	m	...	...	14.716	+2.225	-4	m		
...	10.016	-58.091	-4	...	...	...	...	12.126	+16.202	-4	m	...	...	14.799	-19.842	-5	...		
...	10.040	-16.436	-3	...	...	...	...	12.142	-56.470	-5	...	...	...	14.876	+47.429	-3	m		
...	10.060	+22.357	-5	m	...	...	...	12.279	+36.371	-3	m	...	...	14.889	-49.115	-4	...		
...	+	10.151	-38.880	-3	...	...	...	+	12.291	+20.946	-2	m	...	+	14.892	-41.769	-2	...	
...	10.157	-42.444	-5	...	...	...	...	12.338	-50.875	-5	...	...	...	14.899	-46.822	0.65	...		
...	10.179	-8.171	-4	...	...	...	...	12.352	+24.048	-5	m	...	...	14.964	+36.272	-5	m		
...	10.181	+2.618	-3	m	...	...	...	12.372	+52.384	-5	m	...	...	14.975	+46.844	-4	m		
...	10.194	-42.337	-5	...	...	...	...	12.402	+46.430	-5	m	...	...	14.980	+58.199	-1	...		
191I	+	10.204	+17.779	-3	m	...	197I	+	12.453	-58.877	-2	...	203I	+	14.983	-57.353	-5	...	
...	10.211	-50.327	-1	...	...	...	+	12.504	+29.847	-4	m	...	...	15.062	-24.537	0.75	...		
...	10.225	-39.819	-4	...	...	...	...	12.519	+54.670	-3	m	...	...	15.082	-32.007	0.90	...		
...	10.307	+32.596	-5	m	...	...	...	12.581	-15.335	-5	...	...	...	15.159	+28.992	-4	m		
...	10.326	+16.736	-4	m	...	...	*	12.590	+24.582	0.90	...	...	...	15.162	-33.911	-2	...		
...	+	10.381	-28.633	-3	...	...	...	+	12.592	-4.164	-2	...	...	+	15.305	-7.889	-2	...	
...	10.384	+14.680	-2	m	...	...	...	12.651	+54.411	-4	m	...	...	15.306	-54.308	-2	...		
...	10.429	+2.180	-5	m	...	...	...	12.656	-49.971	0.85	...	...	...	15.333	+2.987	-3	m		
...	10.437	+49.444	-3	m	...	...	...	12.834	+35.735	-4	m	...	...	15.360	+23.813	-2	...		
...	10.514	+20.850	-3	m	...	...	...	12.912	+19.208	-4	m	...	...	15.364	-33.020	-5	...		
192I	+	10.519	+14.652	-2	...	...	198I	+	12.999	+9.094	-4	m	204I	+	15.375	-49.627	-4	...	
...	10.546	-40.475	-2	...	...	...	...	13.023	+39.565	-3	m	...	...	15.421	+48.717	-3	m		
...	10.556	-36.359	-5	...	...	...	...	13.038	+41.567	-4	m	...	...	15.456	+42.339	-2	b		
...	10.652	-10.551	-4	...	...	...	...	13.038	+48.811	-3	m	...	...	15.522	+53.555	-5	m		
...	10.654	-8.222	-4	...	...	...	...	13.060	-46.801	-3	...	...	...	15.577	-58.929	-5	...		
...	+	10.660	+28.591	-3	m	...	...	+	13.073	+38.663	-3	m	...	+	15.600	+23.118	-3	m	
...	10.747	+12.612	-3	m	...	...	...	13.192	-45.241	-3	...	...	...	15.630	+36.272	-5	m		
...	10.747	+16.894	-5	m	...	...	...	13.209	+35.356	-2	...	...	...	15.666	-59.237	-5	...		
...	10.811	+50.862	-2	...	...	...	*	13.222	-51.910	1.00	...	...	...	15.681	+12.220	-5	m		
...	10.817	-31.820	0.80	...	...	...	...	13.231	+52.842	-1	...	...	...	15.730	+16.201	-4	m		
193I	+	10.844	+26.845	1.00	50.10091	10.0	199I	+	13.233	-44.439	-5	p	205I	+	15.733	+14.576	-3	m	
...	10.862	+40.139	-5	m	...	...	...	13.254	-2.598	-4	...	...	...	15.804	+50.698	-5	m		
...	10.888	-8.234	-5	...	...	...	...	13.351	+36.900	-5	m	...	...	15.872	+51.415	-4	m		
*	10.912	-18.256	1.80	51.10361	8.8	...	...	13.369	-50.722	-3	...	...	...	15.925	+42.565	-5	m		
...	10.918	+25.708	-3	m	...	...	...	13.370	+9.939	-4	m	...	...	15.991	+36.571	0.70	...		
...	+	10.925	-30.794	-5	...	S *	+	13.426	+27.482	5.05	50.10092	7.2	*	+	16.003	+9.469	1.10	50.10097	9.8
...	10.994	+10.026	-5	m	...	...	...	13.454	-15.250	-3	...	...	+	16.028	-24.915	1.40	51.10364	9.2	
...	11.069	-6.874	-3	...	...	...	...	13.531	+13.028	0.65	a	...	+	16.036	+47.809	1.20	50.10096	10.0	
...	11.072	+32.524	-1	b	...	...	...	13.627	+25.031	-4	m	...	...	16.049	+41.973	0.75	b	...	
...	11.077	-15.104	-5	p	...	...	...	13.637	-45.593	-3	...	...	...	16.057	-3.104	-4	...	...	
194I	+	11.101	+39.020	0.95	...	200I	+	13.687	-38.296	-2	...	206I	+	16.101	+11.141	-4	m	...	
...	11.134	-31.290	-5	...	...	N *	...	13.798	+26.321	0.90	50.10093	9.7	...	16.180	+36.337	0.65	b	...	
...	11.173	+50.401	-4	m	...	N *	...	13.873	+26.312	0.90	...	...	...	16.209	+38.651	0.80	...	...	
...	11.254	+39.195	-4	m	...	...	...	13.798	-33.964	-3	...	...	...	16.216	+16.855	-5	m	...	
...	11.260	-54.501	-3	...	...	*	...	14.069	+37.791	0.90	50.10094	10.2	...	16.235	-15.397	0.70	...	...	
...	+	11.300	+7.011	-4	m	...	...	+	14.087	+12.600	-2	m	...	+	16.369	-13.013	0.70	...	...
...	11.395	+22.912	-4	m	...	...	...	14.117	+58.009	-2	b	...	...	16.402	-21.476	-5	...	...	
...	11.430	-40.216	-4	...	...	...	...	14.143	-55.287	-3	...	...	*	16.416	-4.827	1.10	51.10365	9.8	
...	11.440	+36.687	-5	m	...	...	...	14.147	-18.286	-4	...	...	...	16.441	-28.242	-3	...	...	
...	11.476	-44.799	-4	...	...	...	...	14.168	+35.641	-3	m	...	*	16.467	-24.051	1.10	51.10366	9.8	

2002, 2003. 50° 88, mass.

Co-ordinates.						Diam.	C.P.D.			Co-ordinates.						Diam.	C.P.D.							
Notes.	x.		y.		-I.	No.	Mag.	Notes.	x.		y.		-I.	No.	Mag.	Notes.	x.		y.		-I.	No.	Mag.	
2071-2130																								
207I	+16°507	+16°843	-1	b	...	...	...	213I	+18°618	-16°354	-4	...	...	...	...	219I	+20°629	+16°557	-5	m	...	...	...	
...	16°548	-34°031	-3	...	...	...	...	...	18°627	+32°283	-3	m	...	...	...	...	20°691	-18°321	-5	...	...	...	...	
...	16°598	+13°886	-2	m	...	...	...	...	18°633	-4°808	-5	...	...	...	...	...	20°730	+34°437	-3	m	...	...	...	
...	16°644	+30°628	-5	m	...	...	...	...	18°637	+43°348	-2	m	...	...	...	...	20°743	-5°553	-3	...	...	...	...	
†	16°662	-24°908	-5	...	...	...	...	...	18°675	-33°615	-4	...	...	...	...	...	20°758	+28°468	-4	m	...	...	...	
...	+16°673	-39°096	-2	...	...	...	...	...	+18°682	-58°743	-3	...	...	...	...	...	+20°779	-57°386	-5	...	...	...	...	
...	16°777	-43°985	-2	...	...	...	...	...	18°689	-11°521	0°80	...	...	...	...	...	20°783	+48°647	-3	m	...	...	...	
...	16°783	-1°174	-3	...	...	...	...	...	18°708	+34°963	0°70	b	...	...	...	...	20°852	+42°094	-5	m	...	...	...	
...	16°823	-32°288	-5	...	...	...	...	...	18°717	+44°357	-5	m	...	...	...	...	20°871	-33°273	0°75	...	...	...	...	
...	16°926	-56°333	-5	...	...	...	...	...	18°734	-14°303	-3	...	...	...	...	...	20°914	+12°856	-3	m	...	...	...	
2131-2190																								
208I	+16°993	+44°130	-3	m	...	...	...	214I	+18°812	+11°921	-5	m	...	...	...	220I	+20°916	+35°530	-2	m	...	...	...	
...	17°137	-1°375	1°00	50.10098	10°2	...	...	...	18°842	-34°126	-5	...	...	...	...	*	20°917	-2°386	1°00	51.10373	9°9	...	...	
...	17°143	+36°215	-3	m	...	...	...	...	18°872	+4°380	-2	m	...	...	...	...	20°943	-23°679	-2	...	...	...	...	
...	17°146	+10°896	-4	m	...	...	...	...	18°883	+37°664	-5	m	...	...	...	...	20°956	-37°865	-4	...	...	...	...	
...	17°156	+36°320	-5	m	...	...	...	...	18°932	-8°069	0°70	...	...	...	...	...	20°964	-44°541	-5	...	...	...	...	
...	+17°218	-15°304	-2	...	...	...	...	...	+18°987	-59°186	-2	...	...	...	...	...	+20°964	-45°733	-1	...	...	...	...	
...	17°225	-49°659	-5	...	...	...	...	...	19°000	-16°960	-4	...	...	...	...	...	20°970	+37°373	-3	m	...	...	...	
...	17°235	-2°933	-3	...	...	...	...	...	19°005	+37°606	0°75	b	...	...	...	...	20°974	-11°592	0°80	...	...	...	...	
...	17°238	-4°173	-5	...	...	...	...	...	19°011	-39°060	-5	...	...	...	...	...	21°054	+50°984	-3	m	...	...	...	
n *	17°378	-48°720	1°05	51.10368	9°9	...	...	...	19°046	-22°700	-5	p	...	...	...	...	21°058	-54°998	-3	...	...	...	...	
2191-2250																								
209I	+17°413	-32°783	1°05	51.10367	9°9	...	...	215I	+19°049	+34°341	-5	m	...	...	...	221I	+21°080	+0°673	-3	m	...	...	...	
*	17°489	+22°455	-4	m	...	...	...	...	19°107	+36°205	-5	m	...	...	...	...	21°092	-40°774	0°90	51.10374	10°2	...	...	
...	17°540	+25°693	-2	m	...	...	...	...	19°184	+51°471	-4	m	...	...	...	...	21°096	-28°029	-3	...	...	...	...	
...	17°551	+11°863	-5	m	...	...	...	...	19°226	-58°817	-5	...	...	...	...	...	21°105	-50°022	-5	...	...	...	...	
n	17°557	-48°716	1°00	51.10368	9°9	...	...	...	19°226	+30°887	-4	m	...	...	...	...	21°120	+5°049	-3	m	...	...	...	
...	+17°579	+39°363	-4	m	...	...	...	...	+19°298	+38°420	0°75	b	...	...	...	...	+21°142	+38°125	-5	m	...	...	...	
...	17°601	-26°842	-5	...	...	...	...	...	19°354	-18°774	-5	...	...	...	...	...	21°174	+39°963	-3	m	...	...	...	
*	17°634	-46°731	0°95	...	...	...	...	...	19°376	+18°191	1°00	...	...	...	...	...	21°187	-41°738	-4	...	...	...	...	
*	17°646	-37°001	1°00	51.10369	10°2	...	...	...	19°410	+20°365	-4	m	...	...	...	...	21°214	-39°264	-4	...	...	...	...	
...	17°682	-36°000	-3	...	...	...	...	...	19°421	-5°365	-5	...	...	...	...	...	21°273	+47°671	-4	m	...	...	...	
221I																								
210I	+17°720	+30°017	-2	m	...	...	...	216I	+19°698	+7°585	-5	m	...	...	...	...	222I	+21°299	+57°356	-1	...	...	...	...
...	17°725	+57°425	-1	...	...	...	...	...	19°707	-16°719	-5	p	...	...	...	...	*	21°377	+36°379	1°50	50.10102	9°5	...	
...	17°736	+17°312	0°70	...	...	...	...	...	19°755	+46°755	-4	m	...	...	...	...	21°390	-17°843	-3	...	...	...	...	
...	17°781	-57°651	-5	...	...	...	...	...	19°778	-7°858	-3	...	...	...	...	...	21°445	+5°081	-5	m	...	...	...	
...	17°789	+10°182	1°00	...	...	...	...	...	19°778	+25°507	-3	m	...	...	...	...	21°453	+30°208	-4	m	...	...	...	
...	+17°802	-0°734	0°75	...	...	...	...	...	+19°779	-4°008	-4	...	...	...	...	...	+21°507	-56°730	0°85	...	...	...	...	
...	17°835	+5°980	-5	m	...	...	...	...	19°805	+5°129	-3	m	...	...	...	...	21°535	-6°287	-1	...	...	...	...	
...	17°846	-43°646	-4	...	...	...	...	...	19°837	-12°269	0°95	51.10371	10°0	...	...	...	21°611	+53°456	-1	...	...	...	...	
...	17°860	+26°620	0°75	...	...	...	...	...	19°845	-21°750	-3	...	...	...	...	...	21°622	-5°235	-4	...	...	...	...	
...	17°877	+32°379	-4	m	...	...	...	...	19°849	-33°314	-4	...	...	...	...	...	21°678	-53°680	-4	...	...	...	...	
222I																								
211I	+17°892	-2°886	-2	...	...	...	...	217I	+19°860	-36°230	1°10	51.10372	9°5	...	...	223I	+21°714	+34°575	-3	m	...	...	...	
...	17°902	+10°628	-4	m	...	...	...	...	19°876	-53°863	-5	p	...	...	...	...	21°835	-31°812	-1	...	...	...	...	
...	17°929	-16°160	-4	...	...	...	...	...	19°990	+38°388	-3	m	...	...	...	...	21°946	+47°378	-3	m	...	...	...	
*	18°026	-16°612	1°10	51.10370	9°8	...	...	...	20°079	-16°520	-3	...	...	...	...	...	21°951	+51°023	-3	m	...	...	...	
...	18°029	+31°410	-5	m	...	...	...	...	20°103	-2°181	-5	...	...	...	...	...	22°026	-47°241	-5	...	...	...	...	
...	+18°207	-42°821	-3	...	...	...	...	...	+20°124	+52°830	-4	m	...	...	...	...	+22°049	+13°281	-4	m	...	...	...	
...	18°220	-53°796	-5	...	...	...	...	...	20°173	-55°849	-5	p	...	...	...	...	22°178	-2°849	-4	...	...	...	...	
...	18°250	-15°301	0°70	...	...	...	...	...	20°182	+14°820	-2	m	...	...	...	...	22°210	-9°092	-3	...	...	...	...	
...	18°261	+43°305	-3	m	...	...	...	...	20°254	-55°383	-2	...	...	...	...	...	22°214	-35°030	-4	...	...	...	...	
...	18°288	+33°054	1°20	50.10099	9°5	...	...	...	20°272	-12°196	-5	...	...	...	...	...	22°247	-17°652	-4	...	...	...	...	
223I																								
212I	+18°303	-49°530	-5	...	...	...	...	218I	+20°285	+13°907	-3	m	...	...	...	224I	+22°258	+33°310	-4	m	...	...	...	
...	18°320	+45°066	-1	b	...	...	...	...	20°343	-58°503	-4	...	...	...	...	...	22°264	-14°630	-5	p	...	...	...	
...	18°372	-36°161	-4	...	...	...	...	...	20°343	+3°109	-4	m	...	...	...	...	22°340	+25°326	-5	m	...	...	...	
...	18°382	+47°527	-2	m	...	...	...	...	20°375	-31°186	-2	...	...	...	...	...	22°381	+40°165	-5	m	...	...	...	
...	18°502	-4°635	-5	...	...	...	...	...	20°401	+32°305	-3	m	...	...	...	...	22°388	-2°773	-3	...	...	...	...	
...	+18°512	+53°174	-3	m	...	...	...	...	+20°432	+0°031	0°90	a	...	...	...	...	+22°428	-53°666	-3	...	...	...	...	
...	18°530	+34°365	-3	m	...	...	...	...	20°452	+30°821	1°20	50.10100	9°5	...	...	...	22°447	-39°635	-2	...	...	...	...	
...	18°555	+55°221	-3	m	...	...	...	...	20°467	+8°282	1°00	50.10101	10°0	...	...	...	22°456	-28°564	-3	...	...	...	...	
...	18°587	+4°405	-5	m	...	...	...	...	20°555	+26°499	-3	m	...	...	...	...	22°459	+43°205	-3	m	...	...	...	
...	18°604	+45°947	-5	m	...	...	...	...	20°594	-23°558	-3	...	...	...	...	...	22°466	-9°848	-3	...	...	...	...	

2090, 2095. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2251-2310						2311-2370						2371-2430					
225I	+22.487	-0.289	-5	...	...	231I	+24.843	-19.167	-3	...	...	237I	+26.901	+51.353	-4	m	...
...	22.531	+39.960	-3	m	...	...	24.852	+33.441	0.85	a	...	...	26.943	-22.111	-4	...	...
...	22.613	+47.878	-5	m	...	...	24.886	-57.063	-4	...	...	...	26.946	+13.000	-1	b	...
...	22.685	+23.621	-4	m	...	...	24.964	+9.431	-5	m	...	...	26.947	+19.098	-4	m	...
*	22.686	-53.064	1.00	...	...	...	25.043	-53.496	0.80	...	...	...	26.950	-51.933	-5	...	...
...	+22.830	+5.097	-2	m	...	...	+25.054	-4.424	-4	...	...	...	+26.976	-6.399	-5	...	...
...	22.909	-24.723	-2	...	...	...	25.079	+49.619	-5	m	...	...	27.000	-11.788	-2	...	...
...	22.966	+58.994	-4	m	...	...	25.137	-16.814	-5	...	...	...	27.036	-46.327	-5	...	...
...	22.980	+36.993	-5	m	...	...	25.159	+5.413	-5	m	...	...	27.061	+35.465	1.00	...	...
...	23.067	-26.906	-3	...	...	...	25.183	+29.196	-3	m	...	...	27.221	+9.417	-5	m	...
226I	...	...	...	...	...	232I	...	...	...	...	...	238I	...	...	...	...	...
*	+23.180	+19.706	1.00	50.10103	10.0	...	+25.227	-31.328	-3	...	...	...	+27.239	+42.349	-4	m	...
...	23.222	-11.176	-4	...	...	...	25.277	-30.838	0.90	...	...	...	27.262	+6.960	-3	m	...
...	23.242	-31.790	-4	...	...	...	25.295	-0.853	-4	...	...	...	27.278	-2.628	-5	...	...
...	23.261	-33.940	-4	...	...	...	25.295	-29.785	0.70	...	...	...	27.295	-42.100	-5	p	...
...	23.290	-39.797	-5	...	...	*	25.325	+9.487	1.05	50.10106	10.0	...	27.324	-21.574	-4	...	...
...	+23.341	-35.691	-4	...	...	...	+25.391	-33.197	-5	...	...	...	+27.409	+43.428	-5	m	...
...	23.347	+6.760	-5	m	...	...	25.394	+19.135	-5	m	...	...	27.427	+39.027	-4	m	...
*	23.417	-46.346	0.90	...	...	...	25.408	+50.604	0.80	...	...	...	27.479	+5.402	-3	m	...
...	23.424	-15.242	-4	...	...	...	25.417	-12.943	0.80	...	...	...	27.488	-10.856	-5	...	...
...	23.447	+54.651	0.95	...	...	...	25.418	+53.691	-5	m	...	...	27.518	+28.061	-3	m	...
227I	...	...	...	...	...	233I	...	...	...	...	...	239I	...	...	...	...	...
...	+23.450	+8.555	-4	m	...	*	+25.439	-40.579	1.10	51.10379	10.0	...	+27.520	-21.706	-5	p	...
...	23.456	+45.573	-3	m	...	...	25.568	+22.327	0.95	...	...	...	27.521	+31.169	0.65	b	...
...	23.494	+49.754	-5	m	...	...	25.689	+9.262	-5	m	...	...	27.612	+10.692	-3	m	...
...	23.507	-51.916	-5	...	...	...	25.723	+31.663	-4	m	...	...	27.673	+36.485	-4	m	...
*	23.531	+8.496	1.40	50.10104	9.1	...	25.731	+1.471	-5	m	...	...	27.697	+11.406	-2	m	...
†	+23.583	+54.872	-3	m	...	...	+25.776	-32.313	-4	...	...	...	+27.761	-27.309	-5	...	...
...	23.634	+47.474	0.90	b	...	...	25.799	+59.459	-5	m	...	...	27.761	+19.756	0.70	b	...
...	23.683	-37.243	-2	...	...	...	25.880	-56.171	-3	...	...	n *	27.778	-6.052	1.20	51.10380	9.3
...	23.704	-7.551	-4	...	...	...	25.880	-14.574	-5	p	...	...	27.791	-45.753	-5	...	...
...	23.705	-23.929	0.95	...	...	...	25.887	+26.832	-2	m	...	...	27.828	+46.976	0.65	b	...
228I	...	...	...	...	...	234I	...	...	...	...	...	240I	...	...	...	...	...
*	+23.728	-59.358	1.30	51.10376	9.6	...	+25.898	+56.087	0.65	...	...	...	+27.828	+52.449	-3	m	...
*	23.785	-3.344	1.40	51.10375	9.7	...	26.006	+48.244	-4	m	...	...	27.846	+25.769	-5	m	...
...	23.793	+6.305	-5	m	...	...	26.006	+50.051	-5	m	...	...	27.949	+20.951	0.90	...	...
...	23.987	+30.024	-5	m	...	...	26.021	+40.765	-2	m	...	*	27.958	-58.983	1.35	51.10381	9.8
...	24.006	+25.862	0.80	...	...	*	26.025	+40.331	1.05	50.10107	10.1	n *	27.979	-6.167	1.40	51.10380	9.3
*	+24.029	-12.761	0.95	51.10377	10.0	...	+26.053	+31.698	0.70	b	...	†	+27.993	+49.829	0.75	...	...
...	24.045	+54.353	-3	m	...	...	26.074	+45.418	0.70	...	...	...	28.030	-9.891	-5	...	...
...	24.052	+11.039	-4	m	...	...	26.113	-1.019	-3	...	...	...	28.048	-44.528	-5	...	...
...	24.059	-10.454	0.65	...	...	...	26.157	-2.214	-5	...	...	...	28.093	-0.423	-5	...	...
...	24.102	-2.373	-4	...	...	...	26.172	+1.331	-4	m	...	...	28.166	-19.412	-3	...	...
229I	...	...	...	...	...	235I	...	...	...	...	...	241I	...	...	...	...	...
...	+24.144	+39.513	-3	m	...	...	+26.201	+7.101	-5	m	...	...	+28.175	+12.648	0.90	...	...
...	24.242	+54.402	-3	m	...	...	26.205	-20.327	-4	p	...	...	28.222	+53.665	-4	m	...
...	24.253	-47.511	-5	...	...	...	26.217	-5.718	-5	...	...	...	28.264	+42.188	-1	b	...
...	24.294	+46.308	0.95	...	...	...	26.345	-44.154	-2	...	...	...	28.273	-32.812	-5	...	...
...	24.307	-36.319	-5	...	...	...	26.353	+7.890	-5	m	...	...	28.323	+23.395	-5	m	...
...	+24.315	+5.357	-4	m	...	...	+26.356	-24.082	-1	...	...	...	+28.411	-52.320	-5	...	...
...	24.435	-32.694	-4	...	...	...	26.393	-41.782	-2	...	...	...	28.438	-6.191	-4	...	...
...	24.443	+9.779	-4	m	...	...	26.423	+13.589	-3	m	...	...	28.440	+28.412	-4	m	...
...	24.453	+29.798	-4	m	...	...	26.476	+24.507	0.70	b	...	...	28.463	+19.089	-2	m	...
...	24.481	-10.492	0.80	...	...	...	26.485	+26.251	-5	m	...	...	28.566	+55.616	-5	m	...
230I	...	...	...	...	...	236I	...	...	...	...	...	242I	...	...	...	...	...
...	+24.508	-30.906	-5	p	...	*	+26.529	-40.036	-3	...	...	...	+28.566	+25.096	-5	m	...
...	24.522	-40.662	-5	...	...	...	26.554	+15.820	0.90	...	...	...	28.628	+13.373	-4	m	...
...	24.524	-31.836	-4	...	...	...	26.622	+54.306	0.65	...	...	...	28.632	+34.202	-5	m	...
†	24.527	+8.685	-4	m	...	...	26.641	-55.367	-4	...	...	*	28.652	+11.656	1.20	50.10108	9.5
†	24.670	-50.949	0.90	51.10378	10.2	...	26.651	-8.346	0.90	...	...	...	28.655	-28.205	-4	...	...
...	+24.706	-53.338	0.80	...	...	*	+26.652	-25.371	1.00	...	...	...	+28.661	+10.252	-5	m	...
...	24.717	-1.416	0.95	...	...	...	26.751	+41.192	-5	m	...	...	28.689	-27.640	-2	...	...
*	24.722	+9.608	1.40	50.10105	9.4	...	26.780	-46.539	-4	...	...	n	28.716	-59.046	1.05	51.10383	9.8
...	24.746	+9.773	0.70	...	...	...	26.867	-12.555	-5	...	...	n *	28.716	-28.133	1.30	51.10382	9.7
...	24.826	+9.003	-4	m	...	...	26.893	+4.482	-3	m	...	n *	28.808	-58.983	1.20	51.10383	9.8

2398, 2405. C.P.D., suspected double.

2428, 2430. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2431-2490						2491-2550						2551-2610					
243I	+28.822	-50.04I	-4	...	...	249I	+31.253	+58.914	-3	m	...	255I	+33.835	-31.014	-2	...	...
...	28.827	-29.310	0.70	...	...	†	31.277	+9.979	-4	m	...	*	33.859	-34.841	1.50	51.10389	9.5
...	28.874	+17.070	-5	m	...	...	31.300	+49.570	-1	b	...	...	33.894	+10.904	-4	...	...
...	28.893	-29.335	-5	p	...	*	31.364	-44.736	1.80	51.10384	8.8	*	33.898	+50.406	1.00	...	...
...	28.940	-46.102	-5	...	...	...	31.464	-6.346	-5	...	...	...	33.915	-15.508	-5	p	...
...	+28.989	-46.395	-5	...	...	*	+31.616	-0.792	0.90	...	...	...	+33.924	+12.904	-3	m	...
...	29.084	+22.914	-4	m	...	...	31.616	+19.811	-5	m	...	...	33.999	-33.884	-3	...	...
...	29.151	-52.757	-1	...	...	...	31.637	+13.075	-3	m	...	†	34.012	+44.913	-5	m	...
...	29.202	+21.908	-5	m	...	...	31.756	-46.825	-5	...	...	...	34.062	+38.083	-5	m	...
...	29.245	-5.081	-5	...	...	...	31.761	+31.945	-5	m	...	...	34.087	-39.767	-4	...	...
244I	+29.287	+23.821	-3	...	...	250I	+31.764	-5.533	-4	...	...	256I	+34.148	-22.359	-3	...	...
...	29.295	+52.361	-5	m	...	...	31.780	+9.285	0.65	...	...	...	34.184	-8.684	-4	...	...
...	29.314	-34.092	-5	...	...	...	31.829	-50.647	-3	...	...	...	34.309	+27.292	0.80	...	...
...	29.330	-6.836	0.85	...	...	...	31.907	+13.240	-4	m	...	...	34.347	-36.745	-4	...	...
...	29.353	-42.661	-5	...	...	...	31.920	+8.109	-4	m	...	...	34.414	+50.052	-5	m	...
...	+29.357	+44.546	-4	m	...	...	+31.936	+23.060	-4	m	...	†	+34.436	-39.928	-2	...	...
*	29.357	+42.610	2.00	50.10109	8.6	...	31.952	-0.878	-4	...	...	*	34.486	-20.244	1.10	51.10390	9.8
...	29.364	+26.512	-4	m	...	...	32.047	-19.296	-5	...	...	†	34.608	+48.867	1.00	50.10117	10.1
...	29.409	+35.313	-4	m	...	...	32.102	+33.917	-4	m	...	†	34.619	+1.914	0.85	...	...
...	29.410	+28.544	-5	m	...	...	32.141	+35.445	-4	m	...	...	34.625	-2.284	-5	...	...
245I	+29.472	-40.984	0.95	...	...	251I	+32.153	-29.508	-4	...	...	257I	+34.715	+24.751	1.20	50.10118	9.8
...	29.516	-40.947	-2	...	...	...	32.157	-17.517	0.80	...	...	...	34.735	-27.135	0.65	...	...
...	29.479	-9.189	0.70	...	...	...	32.185	+28.520	0.65	b	...	†	34.824	+24.948	1.25	50.10119	9.8
†	29.521	+44.560	-4	m	...	...	32.259	-9.643	-5	...	...	...	34.872	-29.751	-5	...	...
†	29.540	-7.989	-2	...	...	...	32.358	+31.074	-5	m	...	...	34.875	+20.469	-5	m	...
...	+29.648	+18.601	-5	m	...	...	+32.487	+8.558	0.85	...	...	...	+34.905	-29.044	-4	...	...
...	29.779	-11.680	-4	...	...	...	32.491	+32.548	-4	m	...	...	34.952	-56.184	1.10	51.10391	10.2
...	29.824	+31.003	-2	m	...	...	32.494	+28.799	-5	m	...	...	34.954	-14.041	-5	...	...
...	29.873	+53.262	-5	m	...	...	32.503	+31.462	-5	m	...	...	34.954	-10.719	0.70	...	...
...	29.886	-22.976	-5	...	...	...	32.506	+50.387	-2	m	...	†	34.992	+59.790	-3	m	...
246I	+29.920	+41.658	1.40	50.10110	9.5	252I	+32.638	+13.633	-3	m	...	258I	+35.028	+6.024	-4	m	...
*	29.944	+46.139	-5	m	...	...	32.673	-46.530	-4	...	...	...	35.098	+5.830	-4	m	...
...	29.951	-34.065	-4	...	...	...	32.720	-17.008	-4	...	...	...	35.110	+24.226	0.85	...	...
...	30.024	-20.527	-5	...	...	...	32.753	+39.432	-3	m	...	...	35.132	-48.946	1.00	...	...
...	30.044	-47.139	-3	...	...	...	32.755	+45.950	-5	m	...	...	35.222	-46.356	0.90	...	...
*	+30.137	+23.957	0.95	50.10111	10.0	*	+32.785	+54.651	1.40	50.10114	9.5	...	+35.277	-41.986	-4	...	...
...	30.144	-1.063	-4	...	...	...	32.854	+52.523	-5	m	...	...	35.294	+30.562	-5	m	...
*	30.144	-22.668	0.90	...	...	*	32.862	-6.592	1.30	51.10385	9.5	...	35.303	+25.703	-5	m	...
*	30.181	+17.464	0.95	50.10112	10.1	†	32.886	-14.980	-5	...	...	...	35.315	-18.206	-3	...	...
...	30.207	+39.220	-3	m	...	...	32.900	-32.783	-4	...	...	...	35.333	+45.297	0.75	b	...
247I	+30.227	+6.817	-5	m	...	253I	+32.922	-58.464	0.90	...	...	259I	+35.343	-18.296	-4	...	...
...	30.241	+26.618	-5	m	...	...	32.965	+1.284	-5	m	...	...	35.401	-15.598	-4	...	...
...	30.269	+11.085	0.80	...	...	*	33.062	-6.289	1.20	51.10386	9.7	...	35.404	-41.564	1.00	...	...
...	30.350	+34.533	-5	m	...	...	33.115	+29.828	-4	m	...	...	35.404	-47.922	0.90	...	...
...	30.455	-50.742	-4	...	...	...	33.212	+38.462	-4	m	...	...	35.411	+31.979	-5	m	...
...	+30.465	-18.942	0.80	...	...	...	+33.313	+54.540	-1	...	...	...	+35.434	-42.852	1.00	...	...
...	30.526	-20.547	-5	...	...	...	33.322	-1.447	-5	...	...	...	35.456	-1.639	0.95	...	...
...	30.564	+23.670	-3	m	...	*	33.331	+12.792	0.95	50.10115	10.0	...	35.462	-0.128	-5	p	...
...	30.566	-51.145	-5	...	...	*	33.335	-38.416	0.95	51.10388	10.2	...	35.514	+10.242	-5	m	...
n	30.677	+16.795	-1	50.10113	10.2	*	33.372	-18.541	1.00	51.10387	10.2	...	35.517	+3.107	0.80	...	...
248I	+30.698	+23.632	-5	m	...	254I	+33.454	-38.838	-5	...	...	260I	+35.539	-27.128	-5	...	...
n	30.712	+16.832	-2	50.10113	10.2	...	33.472	+4.560	0.65	...	...	*	35.561	+40.904	2.90	50.10120	8.0
...	30.733	+52.822	-4	m	...	*	33.512	+8.440	0.95	50.10116	10.1	*	35.574	-17.962	1.30	51.10392	9.0
...	30.793	+49.764	0.90	...	...	...	33.525	-18.098	0.90	...	...	...	35.597	+24.433	-4	m	...
...	30.841	-3.415	-3	...	...	...	33.547	-50.303	-3	...	...	...	35.619	-46.233	-3	...	...
...	+30.961	-5.611	-3	...	...	...	+33.577	-5.561	-4	...	...	...	+35.626	+57.843	-4	m	...
...	30.969	+25.741	-3	m	...	...	33.586	-16.748	-3	...	...	...	35.631	+32.672	-5	m	...
...	31.072	+1.087	-5	m	...	...	33.593	+40.707	-5	m	...	...	35.679	+11.291	-4	m	...
...	31.089	-14.379	0.75	...	...	...	33.691	-6.648	-4	...	...	...	35.698	-10.267	0.70	...	...
...	31.100	+39.118	-5	m	...	...	33.732	+40.584	-5	m	...	...	35.728	-16.208	-4	...	...

2480, 2482. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2611-2670						2671-2730						2731-2790					
2611	...	...	...	...	...	2671	...	...	...	...	...	2731	...	...	...	...	...
...	+35.728	+46.462	-4	m	...	...	+38.652	+35.566	-5	m	...	...	+40.808	+4.083	-4	m	...
...	35.773	-35.810	-4	...	...	...	38.670	+4.099	-2	m	...	S *	40.845	+8.413	1.40	50.10129	9.3
*	35.778	+53.642	1.20	50.10121	9.8	...	38.681	-7.030	-4	...	...	...	40.886	-6.186	-3	...	...
...	35.961	+36.674	-3	m	...	...	38.685	-19.260	-5	p	...	...	40.896	+36.153	-4	m	...
...	36.037	-10.080	-4	...	...	...	38.693	-27.479	-4	...	...	...	40.925	+48.552	-3	m	...
...	+36.046	+11.061	0.75	...	...	...	+38.704	-11.726	-3	...	...	...	+40.936	+55.005	-5	m	...
...	36.089	-42.034	-4	...	...	...	38.732	+6.120	-5	m	...	...	40.952	-15.537	-4	...	...
...	36.110	-32.204	-5	...	...	...	38.793	+48.284	-4	m	...	...	40.953	-37.065	-4	...	...
...	36.170	-34.002	-4	...	...	...	38.823	-6.603	-2	...	...	...	40.959	+11.830	-4	m	...
...	36.220	+27.798	-4	m	...	*	38.876	+50.889	1.15	50.10125	10.0	...	41.069	-59.766	3	...	...
2621	...	...	...	...	...	2681	...	...	...	...	...	2741	...	...	...	...	...
*	+36.222	+32.023	1.50	50.10122	9.2	...	+38.893	+13.053	-5	m	...	...	+41.071	+2.673	-3	m	...
...	36.225	+46.826	-5	m	...	...	38.913	+52.232	-5	m	...	...	41.185	+32.870	-4	m	...
...	36.314	+11.082	-4	m	...	...	38.922	+38.017	-3	m	...	...	41.204	+44.421	-2	m	...
...	36.359	+1.092	-5	m	...	...	38.953	+14.004	-5	m	...	*	41.259	+47.461	1.30	50.10128	9.7
...	36.372	+9.250	-5	m	...	...	38.977	+48.313	-4	m	...	...	41.308	-20.828	-5	p	...
...	+36.416	-49.043	-5	...	...	...	+38.997	+47.148	-5	m	...	...	+41.382	-11.628	-4	...	...
...	36.458	-19.198	-4	...	...	...	39.012	+52.357	-5	m	...	...	41.409	-57.312	-2	...	...
...	36.509	+37.719	-3	m	...	†	39.076	-19.871	-5	p	...	...	41.459	+42.107	-5	m	...
...	36.515	+18.453	-4	m	...	...	39.079	+4.421	-4	m	...	...	41.464	-44.563	-3	...	...
...	36.640	+40.899	1.00	...	...	...	39.089	+14.795	-5	m	...	...	41.478	+27.651	-4	m	...
2631	...	...	...	...	...	2691	...	...	...	...	...	2751	...	...	...	...	...
...	+36.673	-18.306	0.70	...	...	...	+39.092	-53.418	-5	...	...	...	+41.504	-14.865	-2	...	...
...	36.679	-0.862	0.90	...	...	...	39.113	+0.082	-4	m	...	...	41.513	-21.682	-4	...	...
...	36.758	-53.823	-3	...	...	...	39.179	-23.072	-5	...	...	...	41.519	-5.797	0.65	...	...
†	37.006	+49.788	-5	m	...	...	39.201	-6.085	-5	...	...	...	41.564	+30.501	-3	m	...
...	37.014	+22.289	0.70	...	...	...	39.205	+8.796	0.90	...	...	...	41.678	+22.554	-5	m	...
...	+37.041	+37.452	-5	m	...	...	+39.312	+47.540	0.80	...	...	...	+41.683	+26.422	-2	m	...
...	37.067	+44.048	0.75	...	...	*	39.654	+36.006	1.40	50.10126	9.4	*	41.761	+45.281	0.95	50.10130	10.1
...	37.070	+51.882	-4	m	...	...	39.694	-18.388	-3	...	...	*	41.790	+18.076	1.00	50.10131	10.2
...	37.093	+11.959	-4	m	...	...	39.699	-13.631	0.90	...	...	...	41.812	-4.450	-4	...	...
...	37.121	-53.739	-4	...	...	...	39.719	+1.642	-4	m	...	...	41.881	+5.158	-5	m	...
2641	...	...	...	...	...	2701	...	...	...	...	...	2761	...	...	...	...	...
...	+37.182	+20.577	-4	m	...	*	+39.732	+14.702	1.00	50.10127	10.1	...	+41.905	+11.933	-5	m	...
...	37.229	+18.264	0.95	...	...	...	39.781	-8.197	-5	p	...	...	41.909	+42.913	0.90	...	...
...	37.289	-55.293	-5	...	...	...	39.799	-49.176	-4	...	...	...	41.940	+37.978	0.90	...	...
...	37.349	-11.858	0.90	...	...	...	39.899	-11.676	-3	...	...	...	42.005	+35.832	-5	m	...
...	37.387	+52.240	-1	...	...	*	39.957	-20.977	1.20	51.10395	9.5	...	42.010	+37.079	-3	m	...
...	+37.501	+6.140	-4	m	...	...	+39.996	+22.668	-3	m	...	*	+42.056	+33.218	2.10	50.10132	9.0
...	37.594	+56.414	-5	m	...	...	39.998	+24.431	-5	m	...	...	42.263	+22.248	-5	m	...
...	37.649	+20.073	-5	m	...	...	40.005	-32.487	-2	...	...	...	42.385	-35.701	-4	...	...
Sn*	37.692	-23.102	2.50	51.10393	8.3	...	40.075	-6.496	-5	...	...	...	42.441	+11.681	-4	m	...
...	37.715	-9.315	-3	...	...	...	40.103	+8.578	-5	m	...	...	42.545	-32.748	-5	p	...
2651	...	...	...	...	...	2711	...	...	...	...	...	2771	...	...	...	...	...
...	+37.747	-34.116	-5	...	...	...	+40.110	+38.945	0.80	b	...	...	+42.659	+0.661	-5	m	...
...	37.781	+1.253	0.85	...	...	...	40.132	+47.265	-4	m	...	...	42.691	-59.712	-3	...	...
...	37.830	+2.774	-5	m	...	...	40.137	-12.620	-5	p	...	...	42.797	-15.829	-2	...	...
n *	37.852	-22.864	1.00	51.10393	8.3	...	40.177	+17.283	-3	m	...	...	42.809	+52.784	-2	...	...
...	37.901	-13.296	0.95	...	...	...	40.180	+24.782	-5	m	...	...	42.827	-33.450	-5	...	...
...	+37.971	+17.436	-4	m	...	...	+40.240	+49.643	-5	m	...	...	+42.939	-47.801	-3	...	...
*	38.029	+32.729	1.05	50.10123	10.1	...	40.301	+9.138	-4	m	...	...	42.940	-16.276	-4	...	...
...	38.047	-32.770	0.65	...	...	†	40.320	+19.965	0.75	...	...	...	42.979	+0.679	0.80	...	...
...	38.061	-51.175	-4	...	...	...	40.383	-7.037	-3	...	...	...	42.987	-9.139	-1	...	...
...	38.073	-4.671	-5	p	...	*	40.390	-33.324	1.30	51.10396	9.5	...	43.029	-27.197	-3	...	...
2661	...	...	...	...	...	2721	...	...	...	...	...	2781	...	...	...	...	...
...	+38.091	-51.620	1.00	51.10394	10.2	...	+40.508	-35.527	-4	...	...	...	+43.298	-13.348	-3	...	...
...	38.167	-9.626	-5	p	...	...	40.548	-14.121	-5	p	...	...	43.370	+46.639	-3	m	...
...	38.237	+29.480	-5	m	...	...	40.586	+30.934	-5	m	...	...	43.519	-11.572	-3	...	...
...	38.239	+24.654	-3	m	...	*	40.608	-54.039	2.80	51.10397	7.8	...	43.519	+36.088	-3	m	...
...	38.333	+26.037	-5	m	...	...	40.648	+35.733	-5	m	...	...	43.561	+41.785	0.95	50.10133	10.1
...	+38.340	+41.136	-5	m	...	...	+40.674	+35.510	-5	m	...	...	+43.620	+21.299	-5	m	...
...	38.530	+41.222	-5	m	...	...	40.679	+4.206	-5	m	...	...	43.639	-6.049	0.75	...	...
...	38.562	-0.367	-2	...	...	...	40.722	-22.566	-4	...	...	...	43.690	-32.051	-3	...	...
*	38.623	+28.355	1.15	50.10124	9.8	...	40.727	-48.367	-3	...	...	*	43.693	-15.675	0.90	51.10398	10.2
...	38.646	-19.468	-5	...	...	...	40.772	-3.812	-3	...	...	...	43.698	-15.072	-4	...	...

2649, 2654. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	γ.		No.	Mag.		α.	γ.		No.	Mag.		α.	γ.		No.	Mag.
2791-2850						2851-2910						2911-2970					
279I	+43°763	-43°047	-4	...	...	285I	+46°407	+1°725	1°00	...	...	291I	+49°352	-24°256	-4	...	...
...	43°775	+0°320	-5	m	...	...	46°409	+1°280	-2	m	...	...	49°370	-38°846	-3	...	...
...	43°797	-10°303	-3	...	...	...	46°417	+18°045	-4	m	...	...	49°392	-21°831	-1	...	...
...	43°800	+0°956	-5	m	...	...	46°471	-14°632	-3	...	...	...	49°433	+27°946	-5	m	...
...	43°822	-45°095	-4	...	...	...	46°497	-52°802	-1	...	...	†	49°525	+3°458	-3	m	...
...	+43°825	-3°243	-3	...	...	...	+46°498	+44°308	0°95	...	...	†	+49°567	+45°798	1°00	50.I0141	10°
...	43°833	+5°264	-4	m	...	...	46°611	-35°944	0°85	...	...	†	49°592	+11°462	-5	m	...
...	43°878	+27°236	-3	m	...	*	46°613	+2°717	1°10	50.I0139	10°0	...	49°602	-1°218	-3	...	...
...	43°935	+45°973	-5	m	...	...	46°635	-3°894	-4	...	...	...	49°700	-35°799	-5	p	...
...	43°944	-56°344	-3	...	...	...	46°685	+38°124	-3	m	...	...	49°712	-21°088	-2	...	...
280I	...	...	...	...	...	286I	...	...	...	...	...	292I	...	...	...	...	...
...	+43°968	+1°280	-5	m	...	*	+46°766	-36°333	1°80	51.I0400	9°0	...	+49°778	+25°003	-4	m	...
...	44°004	-33°566	-4	...	...	...	46°839	+33°396	-5	m	...	...	49°821	-1°085	-4	...	...
*	44°004	+34°407	1°40	50.I0134	9°8	...	46°860	+6°026	-5	m	...	...	49°905	-44°681	-5	p	...
...	44°090	-46°703	-5	p	...	...	46°976	-11°421	-2	...	...	...	49°932	+20°118	0°75	...	...
...	44°158	+21°292	-5	m	...	...	46°981	-29°107	-1	...	...	...	50°000	+11°905	-5	m	...
*	+44°169	+15°470	1°00	50.I0135	10°2	*	+47°033	+17°939	1°35	50.I0140	9°6	...	+50°018	-25°473	-3	...	...
...	44°239	+22°033	-3	m	...	...	47°109	+39°612	-5	m	...	...	50°157	+44°201	-3	m	...
...	44°327	+28°302	-2	...	...	...	47°183	+15°096	0°90	...	...	...	50°240	-54°698	-3	...	...
...	44°329	-1°889	-5	p	...	...	47°228	-30°004	-5	p	...	...	50°249	+42°750	-1	...	...
*	44°329	-51°251	1°10	51.I0399	9°8	...	47°269	-30°387	-4	...	...	...	50°297	+13°142	-2	...	...
281I	...	...	...	...	...	287I	...	...	...	...	...	293I	...	...	...	...	...
...	+44°330	+37°067	-4	m	...	...	+47°297	-1°478	-5	p	...	...	+50°305	-24°288	0°65	...	...
...	44°331	+27°501	-1	b	...	...	47°369	+10°552	-4	m	...	*	50°321	+15°753	1°10	50.I0143	10°0
...	44°332	-25°823	-5	p	...	...	47°494	-35°008	-5	p	...	...	50°331	+19°290	-2	m	...
...	44°355	-58°642	-4	...	...	...	47°719	+22°246	1°00	...	...	...	50°404	-27°207	-4	...	...
...	44°393	-27°677	-5	p	...	...	47°727	+21°468	-3	m	...	...	50°464	-58°729	-3	...	...
...	+44°393	+52°960	-1	...	...	...	+47°799	-46°341	-5	p	...	...	+50°508	-6°514	-5	...	...
...	44°408	-22°461	0°75	...	...	...	47°884	-2°146	-4	...	...	S*	50°522	+42°579	2°70	50.I0142	8°4
...	44°469	+26°465	-5	m	...	...	47°908	-5°654	-3	...	...	...	50°686	+0°620	-5	m	...
†	44°499	-7°143	-1	...	...	...	47°962	+44°393	-4	m	...	...	50°699	-54°709	-5	p	...
...	44°653	-15°920	-5	p	...	...	48°013	-2°951	-5	...	...	...	50°741	-26°132	-2	...	...
282I	...	...	...	...	...	288I	...	...	...	...	...	294I	...	...	...	...	...
...	+44°818	+43°145	0°65	b	...	...	+48°054	-39°726	-3	...	...	...	+50°742	+38°192	-5	m	...
...	44°833	-40°348	0°80	...	...	...	48°105	-21°218	-5	p	...	...	50°747	+46°434	-5	m	...
...	44°863	-25°439	-3	...	...	...	48°121	+7°405	-5	m	...	...	50°751	-38°338	-2	...	...
...	44°879	+59°619	1°15	49.I0033	10°2	...	48°213	+33°145	-5	m	...	...	50°782	-17°895	-5	...	...
...	44°895	-47°459	-4	p	...	...	48°316	+22°852	0°65	b	...	...	50°785	-1°474	-3	...	...
...	+44°951	+41°354	-4	m	...	...	+48°330	+0°646	-5	m	...	...	+50°823	+11°288	-1	b	...
...	45°026	+57°397	1°10	50.I0136	10°0	...	48°350	-30°555	-3	...	...	*	50°861	-36°578	1°00	...	...
...	45°123	+30°094	-5	m	...	...	48°434	+1°035	-5	m	...	...	50°907	-16°795	-4	...	...
...	45°248	-20°413	-4	...	...	...	48°486	-5°841	0°80	...	...	...	50°936	+54°630	-1	...	...
...	45°286	+12°831	-3	m	...	...	48°546	-50°681	-4	...	...	...	50°969	-44°264	-3	...	...
283I	...	...	...	...	...	289I	...	...	...	...	...	295I	...	...	...	...	...
...	+45°327	+27°125	-2	m	...	...	+48°586	+6°383	-5	m	...	...	+51°059	+6°986	-5	m	...
*	45°399	+8°883	1°20	50.I0138	9°7	...	48°633	-5°362	-5	p	...	...	51°193	-32°459	-3	...	...
...	45°488	+13°519	-5	m	...	...	48°664	-49°163	-1	...	...	...	51°206	-15°181	-5	p	...
...	45°629	+31°858	-4	m	...	...	48°719	-16°428	-3	...	...	...	51°254	+9°566	-4	m	...
...	45°693	+38°216	-3	m	...	...	48°746	+27°345	0°90	...	...	...	51°269	-15°112	0°70	...	...
...	+45°779	-50°267	-4	...	...	...	+48°808	-24°635	-5	...	...	...	+51°306	-34°787	-5	...	...
...	45°782	-15°801	-4	...	...	...	48°901	+24°522	0°70	b	...	...	51°462	+31°427	-4	m	...
...	45°782	+35°780	-4	m	...	...	48°918	-37°303	0°95	...	...	...	51°476	-39°449	-3	...	...
...	45°788	+18°802	-5	m	...	...	48°924	-34°039	-5	...	...	...	51°485	+44°386	0°90	...	...
...	45°837	+51°393	1°40	50.I0137	9°5	...	48°954	-34°311	0°70	...	...	...	51°589	+41°534	-3	m	...
284I	...	...	...	...	...	290I	...	...	...	...	...	296I	...	...	...	...	...
...	+45°855	-13°661	-2	...	...	*	+48°968	-12°842	1°00	...	...	*	+51°592	+55°593	2°60	50.I0144	9°0
...	45°915	+5°553	-5	m	...	...	48°994	-32°302	-3	...	...	...	51°642	-59°734	-4	...	...
...	45°972	+3°320	-3	m	...	...	48°999	+8°283	-4	m	...	...	51°645	-16°529	-3	...	...
...	45°996	-27°778	-3	...	...	...	49°004	+0°561	-5	m	...	...	51°683	-16°573	-2	...	...
...	46°050	-11°985	-2	...	...	...	49°070	-34°711	-5	p	...	...	51°855	-24°711	-4	...	...
...	+46°125	+24°320	-5	m	...	...	+49°075	+6°787	-5	m	...	...	+51°885	+56°259	-5	m	...
...	46°233	-57°338	-3	...	...	...	49°163	+22°825	-4	m	...	...	52°000	+21°313	-3	m	...
...	46°270	+6°782	0°70	b	...	...	49°304	-16°522	-5	...	...	...	52°163	+12°552	-3	m	...
...	46°282	+3°091	-5	m	...	...	49°312	+7°936	0°70	...	...	...	52°184	+56°661	-3	...	...
...	46°345	-52°881	-5	...	...	...	49°342	+11°112	-4	m	...	†	52°195	+29°865	-3	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2971-3030						3031-3090						3091-3118					
297I	+52'224	-28'262	-3	...	...	303I	+54'803	-30'078	1.40	51.10403	9.3	309I	+57'762	+20'324	0.90	...	...
...	52'224	+11'621	-5	m	...	...	54'814	+7'323	-5	m	...	...	57'934	-1'124	-4	e	...
...	52'259	-20'151	-4	...	...	...	54'861	-1'186	-5	...	...	...	57'995	+15'663	0.75	e	...
...	52'272	-44'889	1.00	e	...	...	54'910	+8'353	0.70	...	...	...	58'019	-30'001	-5	...	...
...	52'383	-53'085	0.90	e	...	...	54'958	-9'545	-5	...	...	...	58'135	+34'045	-5	m	...
...	+52'518	-34'837	-5	p	...	...	+54'972	-3'858	-3	e	...	...	+58'312	+25'814	-5	m	...
...	52'539	+16'043	-2	m	...	...	55'184	+35'677	-3	e	...	...	58'419	-7'000	-5	...	...
...	52'590	+46'168	-1	...	...	...	55'213	+15'341	0.90	...	...	...	58'440	+0'246	0.65	e	...
...	52'602	+16'197	-5	m	...	...	55'228	+11'813	-5	m	...	...	58'489	-52'902	-5	...	...
...	52'631	+11'860	-5	m	...	...	55'257	+44'262	-3	m	...	...	58'510	+19'549	0.70	e	...
298I	+52'767	-45'828	-3	...	...	304I	+55'274	+45'427	-5	m	...	309I	+58'532	+15'527	-5	m	...
...	52'825	-39'331	-3	...	...	...	55'412	-48'855	-5	p	...	...	58'625	+31'515	-3	e	...
...	52'827	+40'540	-4	m	...	...	55'431	+50'421	2.40	50.10150	8.9	...	58'636	+15'188	-5	m	...
...	52'888	-50'702	-5	...	...	...	55'467	-31'665	-4	...	...	...	58'666	-50'363	-5	p	...
...	52'931	+21'434	1.00	50.10145	10.2	...	55'487	-17'637	0.90	e	...	...	58'690	-30'332	-5	...	...
...	+52'943	+19'874	-2	m	...	...	+55'592	+35'593	-4	m	...	...	+58'790	-21'636	0.95	e	...
...	53'006	+2'857	-5	m	...	...	55'627	-42'359	-5	p	...	...	58'798	+55'914	-5	e	...
...	53'132	-49'222	-4	...	...	...	55'631	+12'953	-4	e	...	...	58'903	-2'341	-5	...	...
...	53'149	+9'913	-4	m	...	...	55'723	+35'314	0.65	e	...	...	58'914	-25'267	-5	...	...
...	53'189	-33'100	1.00	51.10401	10.0	...	55'732	-41'322	-5	p	...	...	58'943	-30'826	1.30	51.10405	9.7
299I	+53'242	+12'379	-4	m	...	305I	+55'753	+13'197	-5	m	...	311I	+58'952	+8'774	0.65	e	...
...	53'304	+1'418	-4	m	...	...	55'804	+50'887	1.60	50.10151	9.5	...	59'014	-13'906	-4	...	...
...	53'315	+21'292	-5	m	...	...	55'873	+4'827	-3	m	...	...	59'058	+31'704	-5	m	...
...	53'337	-9'452	0.70	e	...	...	55'973	-52'445	1.00	e	...	...	59'145	-56'137	-4	e	...
...	53'354	+27'167	-3	m	...	...	56'021	-56'391	-5	...	...	...	59'171	-13'977	-5	p	...
...	+53'509	-17'906	-5	...	...	...	+56'040	+5'195	-4	m	...	e	+59'204	-25'517	1.05	51.10406	10.0
...	53'625	+19'651	-5	m	...	...	56'211	+38'064	-3	e	...	...	59'367	-23'792	-5	...	...
...	53'710	+48'380	-2	m	...	...	56'264	+42'156	-5	m	...	...	59'505	+19'381	1.40	50.10153	9.2
...	53'734	-15'430	0.85	e	...	...	56'369	+53'780	-4	e	...	...					
...	53'786	+0'307	1.10	50.10147	10.0	...	56'448	+21'042	-5	m	...	...					
300I	+53'790	+54'932	-3	...	...	306I	+56'492	+37'003	-1	e	...	...					
...	53'800	-36'004	-5	p	...	...	56'516	+18'370	-5	m	...	...					
...	53'833	+57'272	0.80	50.10146	10.1	...	56'553	+44'501	-3	e	...	...					
...	53'846	-47'076	-3	e	...	...	56'626	-18'265	0.70	e	...	...					
...	53'867	+1'064	-4	m	...	...	56'634	+29'917	-3	e	...	...					
...	+53'949	-5'817	0.75	e	...	...	+56'667	-24'224	-4	...	...	...					
...	53'974	+8'238	-5	m	...	...	56'694	-53'937	-1	e	...	...					
...	54'112	+1'897	-3	e	...	...	56'735	-16'449	0.75	e	...	...					
...	54'149	-35'174	0.95	e	...	...	56'780	-22'273	-5	...	...	...					
...	54'159	+4'051	0.95	...	...	...	56'791	+59'561	-3	...	...	...					
301I	+54'163	-37'819	-3	e	...	307I	+56'831	-42'822	0.90	e	...	...					
...	54'213	+35'647	-3	m	...	...	56'840	+18'446	-5	m	...	...					
...	54'269	-16'580	-3	...	...	...	56'898	-48'723	0.90	e	...	...					
...	54'289	-24'608	0.85	e	...	...	56'905	-28'549	0.90	e	...	...					
...	54'312	-37'085	-1	e	...	...	57'076	-2'715	-4	...	...	...					
...	+54'366	+34'746	-4	m	...	...	+57'216	-36'116	-5	...	...	...					
...	54'409	+50'898	-1	...	...	...	57'222	-15'478	-3	...	...	...					
...	54'470	-18'393	-2	e	...	...	57'323	-25'910	0.90	e	...	...					
...	54'481	-31'855	-3	...	...	...	57'329	+24'744	0.80	e	...	...					
...	54'497	-50'957	-5	p	...	...	57'333	-41'226	1.40	51.10404	9.5	...					
302I	+54'531	+13'299	-3	e	...	308I	+57'538	-24'089	-5	p	...	...					
...	54'549	+34'749	1.10	50.10149	9.8	...	57'550	-34'472	-3	...	...	...					
...	54'564	-49'287	2.10	51.10402	8.6	...	57'603	+25'145	-3	m	...	...					
...	54'605	-36'270	-5	p	...	...	57'608	-1'441	-5	...	...	...					
...	54'627	+22'500	-4	e	...	...	57'640	-0'743	0.85	e	...	...					
...	+54'671	-19'717	-5	...	...	...	+57'689	+12'641	0.65	e	...	...					
...	54'713	-6'156	-4	...	...	...	57'694	+9'669	-5	m	...	...					
...	54'762	+8'061	-5	m	...	...	57'697	+13'348	-5	m	...	...					
...	54'795	+57'795	1.20	50.10148	10.0	...	57'716	-19'525	-5	...	...	...					
...	54'796	-46'799	-5	p	...	...	57'718	+57'549	1.10	50.10152	9.9	...					

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	γ.		No.	Mag.		α.	γ.		No.	Mag.		α.	γ.		No.	Mag.
1-60						61-120						121-180					
I	...	...	...	°E	...	6I	...	...	...	...	...	I2I	...	...	...	°	...
...	-59°632	+22°394	-5	E	...	*	-53°953	+51°838	1.20	50.10155	9.8	...	-47°190	-22°196	-2	...	...
...	59°618	-9°571	-2	E	...	*	53°708	+45°340	1.60	50.10156	8.9	...	47°165	-12°334	0.90	51.10414	10.0
*	59°612	+50°788	1.50	50.10151	9.5	...	53°680	-21°514	0.70	E	...	...	47°061	+5°580	0.90	50.10164	10.1
...	59°600	+35°575	-4	E	...	...	53°630	+27°575	0.70	...	...	...	46°966	-33°751	-2	...	...
...	59°567	+0°192	0.95	50.10147	10.0	F *	53°602	-0°336	1.60	50.10154	8.8	...	46°866	-50°483	-2	...	...
...	-59°354	+3°948	0.75	...	...	...	-53°421	+35°986	-4	M	...	*	-46°864	+23°610	1.80	50.10166	8.8
...	59°351	+13°193	-3	E	...	*	53°291	-4°536	1.00	51.10407	9.8	*	46°862	+18°304	0.95	50.10165	9.9
...	59°304	+1°801	-4	E	...	...	53°160	+38°511	-5	M	...	...	46°738	-13°483	-5	p	...
†	59°236	-45°024	0.85	E	...	E *	53°146	-30°696	1.15	51.10405	9.7	...	46°631	+6°162	-3	B	...
...	59°161	+53°717	-3	E	...	E	53°100	-25°377	0.95	51.10406	10.0	...	46°586	-11°773	-3	...	...
II	...	...	...	...	...	7I	...	...	...	...	...	I3I	...	...	...	...	...
...	-59°155	-5°912	-2	E	...	...	-52°852	-11°393	-4	...	...	...	-46°536	-54°593	-3	...	...
...	59°047	+35°230	-2	E	...	...	52°667	+15°973	-4	M	...	...	46°373	-47°205	-3	...	...
...	58°977	+59°489	-2	...	...	...	52°306	+12°377	-2	...	...	...	46°340	+42°443	-4	M	...
...	58°977	-15°527	0.65	E	...	...	52°048	+13°051	-5	M	...	...	46°247	+35°483	-3	B	...
E	58°800	-33°203	0.90	51.10401	10.0	...	51°993	-38°814	-5	...	...	...	45°987	-11°072	-4	...	...
...	-58°786	-53°202	-1	E	...	...	-51°909	+25°835	-2	A	...	...	-45°619	-44°712	-3	...	...
...	58°775	+8°271	-1	...	...	...	51°896	-55°968	-5	E	...	...	45°611	+22°808	-5	M	...
...	58°754	+15°260	0.85	...	...	...	51°762	+8°471	1.00	50.10157	10.1	*	45°605	+4°255	2.20	50.10167	8.6
...	58°690	+38°000	-4	E	...	...	51°566	-13°445	0.90	...	...	...	45°379	+55°839	-3	...	...
...	58°602	+44°451	-3	E	...	*	51°489	-42°464	1.05	51.10408	9.8	...	45°221	-5°566	-1	...	...
2I	...	...	...	...	...	8I	...	...	...	...	...	I4I	...	...	...	...	...
...	-58°343	+36°952	-3	E	...	*	-51°440	-3°941	1.15	51.10409	9.5	...	-44°991	-11°327	0.70	...	...
...	58°232	+12°896	-5	E	...	...	51°361	+58°128	-3	...	...	...	44°971	-2°053	-1	...	...
...	58°204	-3°925	-4	E	...	...	51°320	+18°575	-3	B	...	...	44°955	+2°875	-2	B	...
...	58°100	-18°457	-4	E	...	...	51°211	-39°683	-5	...	...	...	44°778	-18°564	-3	...	...
...	58°047	-24°680	0.70	E	...	...	50°940	+55°954	-4	M	...	...	44°547	-32°291	-4	...	...
...	-57°968	+57°532	1.10	50.10152	9.9	...	-50°834	-21°454	0.80	...	...	...	-44°094	+31°262	0.80	...	...
†	57°904	+29°871	-5	E	...	...	50°687	-23°664	-5	...	...	*	43°889	+30°838	2.20	50.10168	8.5
...	57°746	-35°237	0.80	E	...	...	50°683	-23°903	0.70	...	...	...	43°879	+35°080	-5	M	...
...	57°625	-37°877	-5	E	...	...	50°391	+19°702	-2	A	...	...	43°878	-30°371	-3	...	...
...	57°562	-47°131	-5	E	...	...	50°375	+19°638	0.85	50.10159	10.2	...	43°700	+22°266	-5	M	...
3I	...	...	...	...	...	9I	...	...	...	...	...	I5I	...	...	...	...	...
E *	-57°496	-37°138	-2	E	...	*	-50°335	+7°984	1.60	50.10158	9.0	...	-43°678	+27°675	-3	B	...
...	57°302	-30°121	1.30	51.10403	9.3	*	50°333	+58°398	2.00	49.10062	8.6	...	43°651	+48°329	-3	B	...
...	57°133	-17°665	-1	E	...	...	49°786	-3°349	0.90	51.10410	9.9	...	43°651	-26°064	-4	...	...
...	57°019	+24°746	-1	E	...	...	49°692	+28°567	-4	M	...	...	43°622	+35°529	0.95	50.10170	10.2
...	56°819	+55°941	-4	E	...	...	49°517	+51°889	-2	B	...	*	43°555	-7°894	1.00	51.10415	10.0
E *	-56°744	-49°320	2.00	51.10402	8.6	...	-49°497	+31°030	-5	M	...	...	-43°530	+29°570	-5	M	...
...	56°414	+20°345	0.65	...	...	*	49°157	-20°992	1.05	51.10411	9.5	...	43°402	-1°593	-5	...	...
...	56°177	+12°671	-2	E	...	...	49°033	+2°796	-5	M	...	...	43°369	-56°698	-4	...	...
...	56°010	+31°560	-3	E	...	*	48°895	+34°080	1.20	50.10162	9.5	...	43°181	-31°660	-4	...	...
...	55°982	+15°698	-3	E	...	...	48°858	+16°005	-3	B	...	...	43°177	-13°886	-5	...	...
4I	...	...	...	...	...	10I	...	...	...	...	...	I6I	...	...	...	...	...
...	-55°975	-18°248	-3	E	...	...	-48°763	+25°654	0.90	50.10161	10.1	...	-43°134	+41°275	-2	B	...
...	55°953	-57°798	-4	N	...	...	48°759	-39°076	-5	p	...	*	43°021	+1°065	1.10	50.10169	9.8
...	55°939	-16°435	-3	E	...	...	48°716	-53°714	-4	...	...	...	42°959	+46°948	-5	M	...
...	55°875	+48°208	-5	M	...	+	48°711	+4°890	1.00	50.10160	9.8	...	42°885	-14°974	1.00	51.10417	10.0
...	55°677	-0°706	0.65	E	...	...	48°510	+11°680	-5	M	...	...	42°839	+3°633	-5	M	...
...	-55°626	+19°601	-2	E	...	...	-48°462	+2°164	-1	...	...	...	-42°697	-24°395	-5	...	...
...	55°366	-1°075	-5	E	...	...	48°438	+5°322	0.65	...	...	*	42°674	-17°653	1.50	51.10418	9.1
...	55°269	-28°509	-2	E	...	*	48°199	+40°366	1.90	50.10163	8.8	...	42°578	-57°446	-3	...	...
...	55°204	-52°430	-1	E	...	...	48°172	+36°595	-4	M	...	...	42°553	-54°233	1.00	...	...
...	54°963	-25°857	0.65	E	...	...	48°172	-42°008	-1	...	...	...	42°532	-40°312	0.95	...	...
5I	...	...	...	...	...	III	...	...	...	...	...	I7I	...	...	...	...	...
...	-54°927	+39°404	-4	M	...	...	-48°125	-58°681	-4	p	...	†	-42°420	-49°930	1.00	51.10416	10.0
...	54°920	+0°323	-3	E	...	S *	47°793	-1°959	2.20	51.10413	8.5	...	42°313	-38°617	-5	...	...
...	54°920	+52°321	-1	A	...	...	47°758	-45°094	0.85	51.10412	10.2	...	42°255	-19°951	-5	...	...
...	54°764	-42°766	0.75	E	...	...	47°592	+33°091	-4	M	...	...	42°223	+21°708	-5	M	...
...	54°751	+8°861	-3	E	...	...	47°499	-20°298	-2	...	...	...	42°136	+27°203	1.00	50.10171	10.1
*	-54°631	+19°477	1.40	50.10153	9.2	...	-47°342	+51°510	-2	...	...	...	-42°101	-53°560	-4	...	...
...	54°543	+24°645	-5	M	...	...	47°289	+1°283	-2	...	...	...	41°986	+49°660	-2	B	...
...	54°454	-48°663	0.85	E	...	...	47°282	+47°144	-3	D	...	...	41°869	+20°102	0.95	50.10172	10.0
...	54°427	-53°873	-3	E	...	...	47°246	+12°344	-5	M	...	...	41°815	-46°217	-3	...	...
E *	54°323	-41°148	1.20	51.10404	9.5	...	47°225	-20°221	0.80	...	...	...	41°543	-13°189	-5	...	...

MC measured from 1, 93, 203, 296, 408, 501, 587, 749, 940.

C " " 54, 144, 251, 352, 458, 540, 670, 850, 1043.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
				No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
I8I	...	-41°533	+32°001	-5	M	...	...	...	...	...	...	30I	...	-29°440	-11°129	-3	...
...	...	41°421	-23°139	0°70	...	...	...	...	...	...	...	...	...	29°378	+54°503	-1	A
...	...	41°331	+0°177	0°90	50.I0173	10°0	...	...	...	...	...	...	...	29°286	-11°610	-2	...
*	...	41°243	+51°945	1°20	50.I0175	9°5	...	...	...	...	...	...	...	28°963	-40°595	-3	...
...	...	41°186	-7°125	-2	...	...	...	...	...	...	...	...	...	28°949	-22°442	0°80	51.I0432
...	...	41°181	-15°913	-4	...	...	...	...	...	...	...	...	...	28°933	+35°010	0°85	50.I0198
*	...	41°093	+5°180	1°25	50.I0174	9°3	...	...	...	...	...	...	...	28°811	-0°351	-3	...
...	...	41°049	+34°488	-4	M	...	...	...	...	...	...	...	...	28°790	-13°767	-4	...
...	...	40°986	-50°657	0°70	...	...	...	...	...	...	...	...	...	28°747	+23°407	-4	M
*	...	40°703	-31°604	1°05	51.I0419	9°8	...	...	...	...	...	...	...	28°622	+32°373	0°65	...
I9I	...	-40°645	-6°645	-3	...	...	...	...	...	...	...	31I	...	-28°565	-3°530	-5	p
...	...	40°641	+43°227	1°00	50.I0176	10°1	...	...	...	...	...	...	...	28°447	-31°756	-4	...
...	...	40°612	-8°488	-4	...	...	...	...	...	...	...	...	...	28°215	+56°424	-4	M
...	...	40°522	+33°717	-3	B	...	...	...	...	...	...	...	...	28°210	+22°118	1°00	50.I0199
...	...	40°412	-24°193	0°70	...	...	...	...	...	...	...	...	...	28°048	-43°647	-4	...
...	...	-40°298	-27°908	0°90	...	...	...	...	...	...	...	...	...	27°902	-23°996	-1	...
*	...	40°236	-35°444	1°20	51.I0420	9°6	...	...	...	...	...	...	...	27°768	-28°481	-4	...
...	...	40°212	-2°475	0°80	...	...	...	...	...	...	...	...	...	27°657	-2°978	-4	...
...	...	40°205	-43°487	-5	...	...	...	...	...	...	...	...	...	27°624	+41°433	-5	M
...	...	40°182	-19°330	-5	...	...	...	...	...	...	...	...	...	27°432	+41°239	-2	B
20I	...	-40°174	-0°259	-4	...	...	...	...	...	...	...	32I	...	-27°355	+45°937	-3	B
...	...	39°997	-0°676	-5	...	...	...	...	...	...	...	*	...	27°329	+49°236	0°95	50.I0200
†	...	39°781	+44°767	1°00	50.I0179	9°9	...	...	...	...	...	...	...	27°154	-5°446	-2	...
...	...	39°646	-24°730	0°90	51.I0421	10°0	...	...	...	...	...	...	...	27°112	+7°494	-2	...
...	...	39°589	+31°657	0°85	50.I0178	10°0	...	...	...	...	...	...	...	27°035	-47°386	-4	...
...	...	-39°564	-16°283	-4	...	...	...	...	...	...	...	*	...	27°005	+28°681	1°10	50.I0201
...	...	39°550	+33°355	-5	M	...	...	...	...	...	...	...	...	26°821	-36°981	-5	p
*	...	39°520	+10°355	2°80	50.I0177	8°4	...	...	...	...	...	...	...	26°808	+55°213	-1	...
...	...	39°382	-37°549	-5	p	...	...	...	...	...	...	...	...	26°642	+49°110	-4	M
...	...	39°103	-17°781	-4	...	...	...	...	...	...	...	*	...	26°629	-37°358	0°95	51.I0433
21I	...	-39°082	+55°419	-2	B	...	...	...	...	...	...	33I	...	-26°617	+21°472	-3	...
...	...	39°067	+39°615	-3	B	...	...	...	...	...	...	...	...	26°598	+42°704	-4	M
...	...	39°051	-26°086	0°65	...	...	...	...	...	...	...	...	...	26°482	+23°962	-4	M
...	...	39°002	+26°332	-3	B	...	...	...	...	...	...	...	...	26°474	+12°889	-5	M
...	...	38°868	+34°500	-4	M	...	...	...	...	...	...	...	...	26°469	-8°880	-1	...
*	...	-38°806	+36°155	0°95	50.I0180	9°9	...	...	...	...	...	...	...	26°397	-36°880	-3	...
...	...	38°658	-57°140	-4	...	...	...	...	...	...	...	...	...	26°303	-12°886	0°65	...
...	...	38°657	+41°081	-3	B	...	...	...	...	...	...	...	...	26°281	+44°031	0°75	...
...	...	38°650	-35°342	0°90	51.I0422	10°2	...	...	...	...	...	...	...	26°038	-45°997	0°70	...
...	...	38°632	+28°318	-3	B	...	...	...	...	...	...	...	...	26°025	+41°748	-5	M
22I	...	-38°622	+55°417	1°00	50.I0183	10°0	...	...	...	...	...	34I	...	-25°780	-16°776	1°20	51.I0435
*	...	38°616	+34°755	1°00	50.I0182	9°8	...	...	...	...	...	*	...	25°595	+15°319	0°80	...
†	...	38°518	-6°412	-4	...	...	...	...	...	...	...	...	...	25°581	+50°624	-5	M
S *	...	38°431	+20°275	3°20	50.I0181	8°1	...	...	...	...	...	...	...	25°563	-35°341	0°75	51.I0434
...	...	38°365	-35°681	-3	...	...	...	...	...	...	...	...	...	25°546	+38°373	1°20	50.I0202
...	...	-37°958	-56°450	-5	p	...	...	...	...	...	...	*	...	-25°204	-33°423	-5	p
S *	...	37°696	-46°155	1°90	51.I0423	8°5	...	...	...	...	...	...	...	25°182	+18°077	1°40	50.I0204
...	...	37°661	+51°219	0°80	...	...	...	...	...	...	...	...	...	25°181	+14°427	0°85	50.I0203
...	...	37°639	+9°205	0°85	50.I0184	10°2	...	...	...	...	...	...	...	25°115	+56°647	-4	M
...	...	37°585	-20°367	-3	...	...	...	...	...	...	...	†	...	25°000	-33°110	1°70	51.I0436
23I	...	-37°488	-54°192	-3	...	...	...	...	...	...	...	35I	...	-24°982	-24°874	-1	...
...	...	37°323	-59°758	0°90	51.I0424	9°9	...	...	...	...	...	†	...	24°793	+36°960	0°90	50.I0205
†	...	36°912	-10°031	-3	...	...	...	...	...	...	...	...	...	24°712	-25°398	0°70	...
...	...	36°893	-50°978	0°75	...	...	...	...	...	...	...	...	...	24°541	+32°313	-4	M
...	...	36°590	-56°074	-2	...	...	...	...	...	...	...	...	...	24°505	+28°212	-5	M
...	...	-36°583	-56°555	-3	...	...	...	...	...	...	...	...	...	-24°433	+10°870	0°75	...
...	...	36°489	+33°078	0°85	...	...	...	...	...	...	...	...	...	24°363	+13°218	0°75	...
...	...	36°413	-2°930	-4	...	...	...	...	...	...	...	...	...	24°306	+36°432	-4	M
...	...	36°258	-19°020	-2	...	...	...	...	...	...	...	...	...	24°298	+21°457	-4	...
...	...	36°255	-13°734	-1	...	...	...	...	...	...	...	...	...	24°275	+45°434	0°80	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag		α .	γ .		No.	Mag		α .	γ .		No.	Mag
361-420						421-480						481-540					
30I	-24°178	+21°125	-4	M	...	42I	-18°283	+41°138	-4	M	...	48I	-11°925	+25°373	0.90	50.10225	10.0
...	24°109	-26°599	0.70	...	...	*	18°277	+21°663	1.80	50.10220	9.0	...	11°910	+54°248	-4	M	...
...	24°107	-36°947	-5	...	...	...	18°265	-29°710	-3	...	...	...	11°880	+59°366	0.65	...	...
...	24°052	-25°166	0.90	51.10437	10.0	...	18°218	+0°160	-3	a	...	...	11°733	+24°493	-4	M	...
...	24°036	-17°908	0.70	51.10438	10.2	...	18°144	+52°848	0.75	...	...	...	11°636	+36°840	0.70	...	...
...	-24°033	+40°293	0.85	50.10206	10.2	...	-18°018	-47°384	-5	...	...	†	-11°541	+34°791	-5	M	...
...	24°010	+30°275	-3	B	...	...	17°934	+39°507	-2	A	...	...	11°445	+54°425	-4	M	...
†	23°978	-15°066	1.25	51.10439	9.3	...	17°901	-41°456	-4	...	...	*	11°358	+34°188	2.20	50.10226	8.6
...	23°750	-28°690	-5	p	...	...	17°740	+11°726	-5	M	...	...	11°301	-0°543	-5	...	...
...	23°509	+52°369	-5	M	...	...	17°704	-48°909	-4	...	...	...	11°244	-58°362	-4	...	...
37I	-23°402	+35°843	1.00	50.10207	10.1	43I	-17°665	-25°296	-3	...	...	49I	-11°163	-22°256	-3	...	...
...	23°299	-42°508	-1	...	...	...	17°584	-4°770	-3	...	...	...	11°148	-53°839	-5	...	...
...	23°274	+53°222	-5	M	...	...	17°547	-50°201	-3	...	...	...	10°977	+8°097	-4	M	...
...	23°158	+39°671	-5	M	...	*	17°484	-40°410	1.50	51.10443	9.2	...	10°952	+54°079	0.95	50.10228	10.2
...	22°727	+15°130	-3	...	...	...	17°355	+36°152	0.85	50.10221	10.2	...	10°930	+50°845	1.00	50.10227	10.2
...	-22°683	-39°414	0.90	51.10440	10.2	...	-17°329	+15°773	-4	M	...	...	-10°365	-48°489	-4	...	...
*	22°636	+39°904	1.00	50.10209	9.9	...	17°083	+34°501	-3	B	...	...	10°242	+1°698	-5	M	...
*	22°591	+6°245	1.40	50.10208	9.1	...	16°914	-38°374	-3	...	...	...	10°231	-56°793	0.70	...	...
*	22°551	+45°786	1.20	50.10210	9.8	...	16°885	+48°429	-4	M	...	...	10°157	-35°560	0.70	...	...
*	22°222	-33°630	1.00	50.10211	10.0	...	16°624	+1°036	0.80	...	...	†	9°967	+30°898	1.00	50.10229	10.0
38I	-22°096	+43°580	0.70	50.10214	10.2	44I	-16°577	-12°915	0.75	51.10444	10.2	50I	-9°723	+2°383	-4	M	...
...	22°064	+22°263	0.70	50.10212	10.2	...	16°559	+33°910	-1	...	...	...	9°097	+5°361	-3	...	...
...	22°037	+22°214	-1	...	...	...	16°356	-46°160	0.70	...	...	...	9°060	+8°852	-1	50.10230	10.1
*	21°881	+20°556	1.40	50.10213	9.2	...	16°146	+51°424	0.90	50.10222	10.2	...	9°044	+49°019	-4	M	...
...	21°864	+47°498	0.75	...	...	...	15°862	-31°776	0.70	51.10445	10.2	...	8°986	+46°178	-5	M	...
...	-21°749	+54°643	-4	M	...	...	-15°860	+57°112	0.95	50.10223	9.9	...	-8°936	+10°244	0.65	...	...
*	21°575	+30°364	1.00	50.10215	10.1	...	15°712	-4°013	-5	...	...	...	8°890	+58°431	-3	...	...
...	21°568	-29°770	-5	...	...	...	15°685	-29°192	-3	...	...	...	8°815	+47°092	-5	M	...
...	21°358	+57°981	1.00	50.10216	9.9	...	15°669	-19°757	-2	...	...	...	8°148	-10°533	-4	...	...
...	21°348	+1°465	-4	M	...	...	15°555	+36°938	-4	M	...	...	8°141	-4°133	-4	...	...
39I	-21°312	-41°611	0.70	...	...	45I	-15°527	-32°541	0.85	51.10446	10.2	51I	-8°128	+39°909	-3	B	...
...	21°195	+4°229	-4	M	...	...	15°467	-27°220	-5	p	...	...	8°116	+37°631	0.70	50.10232	10.2
...	21°045	+27°053	0.65	...	...	...	15°390	+15°554	-4	M	...	*	8°052	+29°345	1.30	50.10231	9.5
...	20°886	+47°377	-4	M	...	...	15°263	-32°340	-2	...	...	...	8°007	-7°501	-4	...	...
...	20°829	+50°660	-5	M	...	...	15°241	-1°054	-3	...	...	...	7°729	-6°495	-4	...	...
...	-20°642	-7°626	-3	...	...	†	-15°211	-15°094	0.80	51.10447	9.9	...	-7°701	+8°305	-3	...	...
...	20°613	+20°010	0.85	50.10217	9.9	...	15°082	+40°053	-4	M	...	...	-7°698	-37°662	0.80	51.10451	10.0
...	20°611	+27°617	0.75	...	...	...	14°765	+3°235	0.95	50.10224	10.2	*	7°593	+17°051	1.00	50.10233	9.8
...	20°573	-55°891	-3	...	...	...	14°678	+35°960	-5	M	...	...	7°549	+51°132	-5	M	...
...	20°498	+19°985	-4	M	...	...	14°477	+3°530	-5	M	...	*	7°478	+11°148	1.30	50.10234	9.5
40I	-20°372	-8°129	-5	...	...	46I	-14°451	-56°978	-4	...	...	52I	-7°326	+58°184	0.90	50.10236	10.1
...	20°295	+12°373	-4	M	...	...	14°195	-30°226	-4	...	...	...	7°279	-56°431	-3	...	...
...	20°266	-47°903	-5	p	...	...	14°093	-47°177	-5	...	...	...	7°230	+47°763	0.85	50.10235	10.2
...	20°245	+37°354	-5	M	...	...	14°082	+31°087	-2	...	...	...	7°040	-6°868	0.90	51.10452	9.9
...	20°140	+37°809	-2	B	...	...	14°082	-8°395	0.90	...	...	...	6°818	+24°175	-3	...	...
...	-20°046	-2°070	-4	...	...	...	-13°906	+4°181	-4	M	...	...	-6°755	+42°071	-5	M	...
...	20°036	-5°405	0.75	...	...	...	13°834	-14°429	-5	...	...	*	6°597	+47°923	1.60	50.10237	9.1
...	19°795	+1°672	-4	M	...	*	13°828	-21°260	1.50	51.10448	9.3	...	6°559	+36°271	-4	M	...
...	19°438	-27°183	-3	...	...	...	13°762	-43°700	-5	...	...	†	6°497	-10°076	0.95	51.10453	9.9
...	19°215	+21°089	-3	...	...	...	13°526	-6°286	-5	...	...	...	6°379	-41°898	-2	...	...
41I	-19°170	-28°490	0.90	51.10441	9.8	47I	-13°383	-22°738	0.90	51.10449	10.0	53I	-6°188	-15°332	0.90	51.10454	10.2
*	19°062	+48°495	1.20	50.10218	9.6	...	13°333	-34°674	-2	...	...	...	6°127	+53°742	0.75	...	...
...	19°040	+25°920	-1	...	...	...	13°306	-43°103	-5	p	...	...	6°124	+42°871	-3	B	...
...	19°036	-24°637	-3	...	...	...	13°126	-6°801	-4	...	...	S *	5°765	-38°649	1.80	51.10455	8.7
*	18°839	+22°471	1.10	50.10219	9.6	...	13°091	-53°531	0.85	...	...	...	5°691	+53°515	0.65	...	...
...	-18°829	-34°252	-3	...	...	...	-13°037	-36°879	0.70	...	...	...	-5°554	-36°194	-3	...	...
...	18°780	+32°062	-3	B	...	...	12°802	-3°156	-2	...	...	...	5°544	+45°709	-4	M	...
...	18°571	+39°368	-4	M	...	...	12°641	-31°029	-2	...	...	...	5°217	+57°237	-4	M	...
...	18°568	-7°480	0.90	51.10442	10.0	...	12°467	-20°225	-5	...	...	...	5°156	-37°490	-5	...	...
...	18°397	+42°055	-1	...	...	...	12°038	-2°566	0.90	51.10450	10.2	†	4°992	-57°564	0.90	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
541-600						601-660						661-720					
54I	...	...	...	M	...	60I	...	...	...	...	...	66I	...	...	...	...	...
...	- 4'776	+56'605	- 4	...	...	...	+ 1'33I	-52'183	- 2	...	...	...	+ 8'854	+37'756	- 3	...	...
...	4'713	+50'333	- 4	...	...	...	1'355	+55'610	0'70	...	...	...	8'950	+28'739	0'65	...	...
S *	4'66I	- 6'256	2'50	5I.I0456	8'6	...	1'355	+20'853	0'70	50.I0246	10'2	*	9'196	+46'340	1'20	50.I0260	9'5
...	4'316	+ 0'473	- 5	M	...	...	1'508	-32'796	- 2	...	...	...	9'353	+38'683	- 3	...	...
†	4'190	+44'717	1'30	50.I0238	9'2	...	1'573	+13'270	- 3	M	...	...	9'410	+ 3'417	- 2	...	...
...	- 4'068	-44'370	- 5	...	...	...	+ 1'58I	-44'614	- 5	p	...	...	+ 9'733	-29'120	- 1	5I.I047I	10'2
...	4'010	-53'876	0'90	...	...	...	2'064	+49'026	0'90	50.I0247	10'1	...	9'825	-54'771	0'90	5I.I0472	9'8
...	3'907	+15'484	- 3	...	...	...	2'223	+32'782	- 2	M	...	...	9'892	-58'145	1'00	5I.I0473	9'6
...	3'873	+ 8'344	- 2	...	...	...	2'243	+32'837	0'90	50.I0248	10'0	†	9'978	+ 7'896	- 1	...	...
...	3'780	- 5'878	0'70	...	...	...	2'296	-10'98I	- 5	...	...	†	10'043	+23'874	1'00	50.I026I	9'8
55I	...	...	...	...	...	61I	...	...	...	...	...	67I	...	...	...	...	...
...	- 3'597	+33'250	- 2	...	...	...	+ 2'433	+58'396	0'65	50.I0249	10'2	...	+10'152	- 7'510	1'00	5I.I0474	9'8
...	3'485	-41'618	- 5	...	...	...	2'533	+55'054	- 3	...	...	...	10'308	- 2'686	0'90	5I.I0475	10'0
*	3'363	-58'313	1'20	5I.I0457	9'5	...	2'57I	+ 4'504	- 5	M	...	...	11'423	+ 0'615	- 4	...	...
...	3'345	- 4'936	- 4	...	...	...	2'774	+20'897	- 4	...	...	...	11'455	+38'761	- 2	...	...
...	3'278	+34'856	1'00	50.I0239	10'0	...	2'888	+19'509	- 5	...	...	†	11'520	-10'098	1'00	5I.I0476	9'6
...	- 3'179	+41'669	- 5	M	...	...	+ 2'920	+26'678	- 4	...	...	...	+11'555	-49'739	- 4	...	...
...	3'078	-53'609	- 3	...	...	*	3'016	-42'599	1'40	5I.I0463	9'2	...	11'575	-31'884	0'90	5I.I0477	10'2
...	3'005	-17'657	0'65	...	...	...	3'02I	+12'675	- 5	...	...	...	11'714	-48'301	- 4	...	...
...	2'864	+52'833	0'70	...	...	...	3'160	+26'861	- 4	...	...	...	11'863	+37'108	- 3	...	...
...	2'764	+57'652	0'90	50.I0240	10'2	...	3'334	+42'423	- 5	...	...	†	11'928	+44'709	0'70	...	...
56I	...	...	...	...	...	62I	...	...	...	...	...	68I	...	...	...	...	...
...	- 2'702	-32'946	- 2	...	...	...	+ 3'356	-50'656	0'70	...	...	...	+12'005	-45'810	- 4	...	...
...	2'696	-41'943	- 4	...	...	...	3'414	+24'582	- 4	...	...	...	12'152	-27'725	- 3	...	...
...	2'69I	-45'462	- 4	...	...	...	3'52I	+25'572	- 4	...	...	...	12'244	+ 3'959	- 4	...	...
...	2'433	+ 8'425	0'75	50.I024I	10'1	...	3'596	+34'670	- 4	...	...	n *	12'53I	- 8'558	2'80	5I.I0479	8'0
...	2'140	+46'745	- 5	M	...	*	3'717	- 7'530	1'30	5I.I0464	9'2	...	12'545	-19'858	0'95	5I.I0478	10'0
...	- 1'975	+42'403	- 3	M	...	...	+ 3'764	-55'866	- 4	...	...	n *	+12'706	- 8'429	3'20	5I.I0479	8'0
...	1'960	+57'249	0'90	50.I0242	10'2	...	3'812	+39'158	- 5	...	...	...	12'717	+20'447	- 5	...	...
...	1'944	+40'643	- 4	M	...	...	4'045	+25'560	- 5	m	...	...	12'722	+18'809	- 3	...	...
...	1'874	+50'478	- 5	M	...	...	4'136	- 1'959	- 2	5I.I0465	10'2	...	13'06I	-59'862	- 3	...	...
...	1'707	+44'399	- 3	M	...	...	4'193	-47'637	- 5	...	...	...	13'065	+43'764	- 5	...	...
57I	...	...	...	M	...	63I	...	...	...	...	...	69I	...	...	...	...	...
...	- 1'679	+58'524	- 5	...	...	*	+ 4'589	- 1'515	2'10	5I.I0466	8'8	...	+13'076	+44'214	- 3	...	...
...	1'67I	-43'808	0'70	...	...	...	4'73I	+46'244	- 4	...	...	...	13'152	-47'084	- 4	...	...
...	1'497	+28'035	- 5	M	...	...	4'804	-35'985	0'80	5I.I0467	10'2	...	13'226	- 7'754	1'00	5I.I0480	9'6
...	1'40I	-34'058	- 4	...	...	†	4'945	+ 3'11I	0'90	50.I0250	10'0	...	13'318	+25'980	- 4	...	...
...	1'372	-54'519	- 5	p	...	...	5'147	+18'645	- 4	...	...	...	13'653	+34'273	- 4	...	...
...	- 1'257	+ 2'904	- 5	Mm	...	...	+ 5'20I	+42'728	- 2	...	...	...	+13'752	+55'319	- 4	...	...
...	1'183	+38'407	- 5	M	...	...	5'235	+32'045	- 2	...	...	*	13'772	-59'014	1'25	5I.I048I	9'2
...	1'020	+ 5'817	- 5	Mm	...	...	5'474	+42'715	- 4	...	...	...	13'793	-48'283	- 2	...	...
...	0'577	-45'512	0'90	...	...	*	5'527	+48'553	1'40	50.I025I	9'3	...	13'917	+13'312	- 4	...	...
...	0'482	+38'193	- 2	...	...	...	5'582	-33'15I	- 3	...	...	...	13'978	-19'713	- 5	...	...
58I	...	...	...	...	...	64I	...	...	...	...	...	70I	...	...	...	...	...
...	- 0'475	+15'949	1'00	50.I0243	9'8	...	+ 5'604	-22'513	1'00	5I.I0468	9'6	...	+14'145	-19'957	0'90	5I.I0482	10'2
...	0'453	+28'682	- 3	...	...	...	5'876	+48'006	0'90	50.I0252	10'1	...	14'62I	-36'480	- 5	...	...
...	0'234	- 5'324	- 2	...	...	...	6'016	-28'882	- 4	...	...	*	14'673	+30'617	1'20	50.I0262	9'5
...	0'189	-42'885	- 3	...	...	...	6'21I	-52'856	- 4	...	...	...	14'73I	+53'898	1'00	50.I0263	10'1
...	0'104	+36'245	- 5	Mm	...	...	6'219	-49'779	0'65	...	...	...	14'745	-36'72I	- 3	...	...
†	- 0'059	-30'729	- 4	...	...	...	+ 6'297	+57'560	0'90	50.I0253	10'0	n †	+15'010	+48'456	0'95	50.I0264	9'8
...	+ 0'512	+12'703	- 2	...	...	*	6'330	+29'207	1'40	50.I0254	9'5	...	15'070	+ 7'152	- 2	...	...
...	0'643	- 2'087	- 1	5I.I0459	10'2	*	6'357	+31'436	1'30	50.I0255	9'6	n	15'132	+48'313	0'90	50.I0264	9'8
*	0'740	-38'85I	1'80	5I.I0458	8'9	...	6'430	+36'055	0'75	...	...	...	15'213	-22'860	- 5	...	...
...	0'763	-30'293	0'90	5I.I0460	10'2	...	6'482	-37'498	- 3	...	...	...	15'233	+18'977	- 3	...	...
59I	...	...	...	...	...	65I	...	...	...	...	...	71I	...	...	...	...	...
...	+ 0'908	-42'122	- 5	...	...	...	+ 6'566	-28'208	0'80	5I.I0469	10'2	...	+15'502	+42'777	- 4	...	...
...	0'950	-10'017	- 1	5I.I0462	10'2	...	6'575	+10'89I	- 4	a	...	*	15'588	- 2'760	1'40	5I.I0483	9'0
...	0'952	+41'069	- 1	...	...	*	6'705	-34'336	1'10	5I.I0470	9'6	*	15'60I	+ 8'409	1'25	50.I0265	9'5
*	0'975	-36'635	1'30	5I.I046I	9'2	*	7'028	+25'033	1'10	50.I0256	9'6	...	15'648	+57'215	- 2	...	...
...	1'06I	+52'693	0'90	50.I0245	10'0	...	7'119	+51'87I	0'90	50.I0257	10'1	...	15'653	+22'247	0'70	...	...
...	+ 1'065	+41'540	- 4	M	...	...	+ 7'252	+ 1'895	- 1	...	...	...	+15'738	-34'653	- 4	...	...
*	1'247	+14'930	1'50	50.I0244	9'3	...	7'315	-13'653	- 2	...	...	...	16'192	-34'232	- 3	...	...
...	1'270	- 4'217	- 2	...	...	...	7'53I	+46'760	- 4	...	...	...	16'293	- 7'203	- 2	...	...
...	1'270	-26'565	- 5	...	...	...	8'022	+42'33I	0'85	50.I0259	10'1	...	16'544	+ 8'822	- 5	m	...
...	1'322	+10'143	- 4	M	...	a	8'12I	+ 0'24I	0'80	50.I0258	10'2	...	16'636	+50'495	0'90	50.I0266	10'2

684, 686. C.P.D., suspected double.
706, 708. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
72-780						78-840						84-900					
72I	+16°675	-24°040	-3	...	...	78I	+22°614	+29°121	2.00	50.10277	8.8	84I	+28°531	-41°528	-5	...	...
...	16°780	+52°427	-4	...	...	...	22°654	+52°981	-3	...	...	...	28°785	-44°087	-2	...	...
...	16°807	-26°369	-2	...	...	...	22°721	+35°236	0.90	50.10278	9.9	...	28°798	+46°076	-2	...	...
...	17°295	+51°074	-4	...	...	...	22°852	+13°324	-4	...	...	...	28°801	-15°660	0.85	51.10498	10.2
...	17°483	-49°516	0.75	...	...	...	22°940	+3°649	-3	...	...	...	28°859	+30°750	-4	...	...
...	+17°636	+51°836	0.95	50.10267	10.1	...	+22°957	+7°454	-3	...	...	...	+29°028	-25°357	-4	...	...
...	17°956	-35°845	0.75	...	...	...	23°197	+25°134	1.20	50.10279	9.5	...	29°225	+22°402	-5	...	...
...	18°036	+20°124	-3	...	...	...	23°225	+30°029	-3	...	...	...	29°374	-1°693	-4	...	...
...	18°055	+12°142	-5	...	...	...	23°259	-13°974	-3	...	...	...	29°775	-28°251	-4	...	...
...	18°176	+44°009	-4	...	...	...	23°288	+56°929	-5	...	...	...	29°980	-3°861	1.05	51.10499	9.8
73I	+18°224	-11°387	-5	...	...	79I	+23°373	+56°125	-5	...	...	85I	+30°028	+31°899	1.05	50.10285	9.7
...	18°308	-0°316	-3	...	...	...	23°533	+3°784	1.50	50.10280	9.3	...	30°028	-43°913	1.00	51.10500	10.0
...	18°372	-28°476	-3	...	...	...	23°738	-6°432	-2	...	...	...	30°224	-54°625	1.80	51.10501	9.0
...	18°638	+41°714	-5	...	...	...	23°953	+3°128	-2	...	...	...	30°229	+16°039	0.90	50.10286	10.2
...	19°149	-40°902	-4	...	...	...	24°150	+12°756	0.75	...	...	...	30°471	+41°724	0.90	...	...
...	+19°155	+39°633	1.00	50.10268	10.0	...	+24°413	-34°331	-3	...	...	...	+30°488	+28°317	0.80	...	...
...	19°276	+36°354	1.00	50.10269	10.0	...	24°427	-31°504	-3	...	...	...	30°565	+14°823	-4	...	...
...	19°402	-0°950	0.70	50.10271	10.2	...	24°564	+49°773	1.00	50.10281	9.8	...	30°566	-11°979	1.30	51.10502	9.4
...	19°515	+45°976	1.00	50.10270	10.0	...	24°644	+20°616	-4	...	...	...	30°589	-24°347	-3	...	...
...	19°547	+23°597	-4	...	...	...	24°660	-20°681	-3	...	...	...	30°649	+11°151	-4	...	...
74I	+19°616	+29°038	1.90	50.10272	8.9	80I	+24°853	-21°546	-3	...	...	86I	+30°859	-43°705	0.65	...	...
S *	19°653	+14°613	-4	...	...	...	24°867	+32°384	-2	...	...	...	30°869	-14°099	-3	...	...
...	19°702	-22°101	0.95	51.10484	10.0	...	24°890	+46°927	-2	...	...	...	31°195	+54°393	-4	...	...
...	19°820	-45°750	0.95	51.10485	10.0	...	25°069	-41°498	-3	...	...	...	31°482	-24°288	0.70	...	...
...	19°846	-51°292	1.15	51.10486	9.4	...	25°401	-15°480	-4	...	...	...	31°511	+31°442	-4	...	...
...	+19°850	+3°303	-4	...	...	...	+25°497	-58°873	0.90	51.10493	9.8	...	+31°622	+4°276	-5	...	...
...	19°882	-56°280	0.90	51.10487	10.0	...	25°515	+8°080	-1	...	...	...	31°712	+41°759	0.85	50.10287	10.2
...	19°895	+24°400	-4	...	...	...	25°687	+14°024	-2	...	...	...	31°807	+1°670	-2	...	...
...	20°060	+52°401	-3	...	...	...	25°760	+55°400	1.00	50.10282	9.6	...	31°875	+10°385	-3	...	...
...	20°088	+3°176	5	m	...	...	25°786	+13°065	0.85	50.10283	10.0	...	31°933	+58°265	-3	...	...
75I	+20°141	+25°947	-4	...	...	81I	+25°837	+29°658	0.65	...	...	87I	+31°937	-52°326	1.10	51.10503	9.6
...	20°174	-37°902	-4	...	...	...	26°003	-50°161	-5	...	...	...	31°944	-22°873	-2	...	...
...	20°185	+30°853	-5	...	...	...	26°077	+6°203	-1	...	...	...	32°078	+45°742	1.00	50.10288	10.0
...	20°325	-57°618	1.40	51.10488	9.2	...	26°115	+47°417	-5	a	...	...	32°173	-54°881	0.95	51.10504	10.2
...	20°365	+8°747	-3	...	...	...	26°209	-52°584	0.80	...	...	...	32°552	+52°503	-4	...	...
...	+20°367	-42°569	-5	...	...	...	+26°218	+49°924	-4	...	...	...	+32°688	+26°612	0.95	50.10289	10.1
...	20°566	-27°001	-3	...	...	...	26°347	-32°522	-5	...	...	...	32°737	+46°960	-4	...	...
...	20°625	-18°945	1.40	51.10489	9.2	...	26°359	+57°212	1.20	50.10284	9.5	...	32°780	+17°264	0.85	50.10290	10.2
...	20°795	+58°198	-5	...	...	...	26°407	-4°247	1.00	51.10494	9.6	...	32°989	+13°901	0.70	...	...
...	20°801	+12°271	0.75	50.10273	10.2	...	26°500	+25°152	-4	...	...	...	33°033	+12°162	-4	...	...
76I	+21°269	-49°690	0.65	...	...	82I	+26°592	+28°057	-5	...	...	88I	+33°142	-24°168	1.05	51.10505	9.6
...	21°349	-16°117	-3	...	...	...	26°753	-20°385	-4	...	...	S *	33°153	-51°090	1.80	51.10506	9.0
...	21°353	+10°889	-4	...	...	...	26°820	+0°210	-5	...	...	...	33°155	+18°737	0.95	50.10291	10.1
...	21°515	+39°874	-4	...	...	...	26°880	-44°654	-4	...	...	...	33°301	-38°483	0.80	...	...
...	21°527	+6°840	-2	...	...	...	27°163	-48°456	-3	...	...	...	33°643	+24°857	-1	...	...
...	+21°532	+36°270	-3	...	...	...	+27°331	+3°150	-3	...	...	...	+33°674	-25°174	-2	...	...
...	21°580	-8°887	-3	...	...	...	27°335	-46°232	-4	...	...	...	33°684	+49°711	1.10	50.10292	9.8
...	21°683	-24°310	1.00	51.10490	9.6	...	27°364	-56°333	1.00	51.10495	9.8	...	33°744	+24°900	1.40	50.10293	9.3
...	21°705	+49°756	0.95	50.10274	10.0	...	27°437	-14°455	-2	...	...	...	33°758	-53°727	-4	...	...
...	21°709	+50°910	0.75	50.10275	10.2	...	27°488	+12°569	-4	...	...	...	33°769	-48°738	1.10	51.10507	9.8
77I	+21°871	+46°320	-3	...	...	83I	+27°612	+36°583	-5	...	...	89I	+33°783	+53°474	0.75	...	...
...	21°899	+39°641	0.65	50.10276	10.2	...	27°857	-16°411	-4	...	...	...	33°910	+58°153	-4	...	...
...	21°909	-30°929	0.70	...	...	...	27°872	-38°064	0.95	51.10496	10.0	...	33°922	-29°263	-5	...	...
...	22°063	-24°343	1.30	51.10491	9.2	...	28°009	+39°256	0.85	...	...	...	33°963	-7°324	-3	...	...
...	22°227	+42°934	-1	...	...	...	28°246	-56°915	0.75	...	...	...	34°039	+39°314	-4	...	...
...	+22°258	-11°712	1.50	51.10492	9.0	...	+28°245	-2°619	0.85	51.10497	10.2	...	+34°078	+16°455	1.00	50.10294	10.0
...	22°273	-26°502	-5	...	...	...	28°336	-2°097	-1	...	...	...	34°118	+37°830	0.75	...	...
...	22°311	-18°810	-5	...	...	...	28°348	-10°993	-2	...	...	...	34°219	-42°456	1.35	51.10508	9.2
...	22°465	-39°217	-4	...	...	...	28°434	-40°303	-3	...	...	...	34°373	-51°679	0.85	...	...
...	22°514	-54°845	-5	...	...	...	28°528	+20°933	0.75	...	...	...	34°419	+23°428	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.	-3.	No.	Mag.		x.	y.	-3.	No.	Mag.		x.	y.	-3.	No.	Mag.
901-960						961-1020						1021-1080					
90I	...	...	...	...	...	96I	...	...	...	...	...	102I	...	...	...	...	...
...	+34·428	+33·695	0·85	...	...	...	+41·807	+ 8·826	0·85	50·I0306	10·2	...	+47·594	+41·114	- 5	° b	...
...	34·666	+36·575	- 5	...	...	...	41·949	+16·042	- 5	...	...	...	47·605	+25·281	0·95	50·I0316	10·0
...	34·666	-37·609	- 2	...	...	*	41·974	+35·716	1·20	50·I0305	9·5	...	47·697	- 2·820	- 4	...	...
...	35·112	-48·354	1·00	51·I0509	10·2	...	42·053	+29·646	- 3	...	...	...	47·759	+51·911	0·90	50·I0315	10·0
...	35·155	+37·305	1·00	...	...	...	42·115	+ 4·496	- 3	...	...	...	48·097	+51·729	- 4	...	...
...	-35·034	-58·767	0·80	...	...	...	+42·165	+32·000	- 5	...	...	...	+48·175	+51·427	- 2	50·I0317	10·2
...	35·727	-17·164	- 4	...	...	...	42·218	-30·913	- 3	...	...	...	48·338	+11·117	- 4	...	...
...	36·046	+48·414	- 3	...	...	...	42·242	-39·249	- 3	...	...	...	48·342	+59·227	- 3	...	...
...	36·050	+36·962	- 5	...	...	...	42·391	+38·561	- 5	...	...	...	48·413	-11·747	- 3	...	...
...	36·140	+12·163	- 1	...	...	...	42·750	+51·310	- 3	...	...	*	48·431	- 7·208	1·00	51·I0519	9·6
91I	...	...	...	...	...	97I	...	...	...	...	...	103I	...	...	...	...	...
†	36·177	- 0·177	0·70	...	...	...	+42·770	-45·138	- 4	...	...	*	-48·734	- 4·958	1·30	51·I0520	9·2
...	36·232	+ 9·740	0·70	...	...	*	42·847	+50·509	1·20	50·I0307	9·4	...	48·763	-11·089	- 3	...	...
...	36·246	+34·077	- 5	...	...	...	43·002	+47·766	- 3	...	...	...	49·006	+40·882	- 3	...	...
*	36·286	-19·722	1·10	51·I0510	9·6	...	43·031	- 3·400	- 4	...	...	*	49·015	+18·375	1·10	50·I0318	9·8
...	36·575	+52·115	- 5	...	...	...	43·097	+ 6·224	- 4	...	...	...	49·051	- 2·140	1·00	...	...
...	36·711	-56·544	- 3	...	...	...	+43·295	+50·630	- 5	...	...	...	+49·163	- 2·098	0·90	51·I0521	9·6
...	36·803	+ 8·428	- 5	...	...	...	43·370	-50·229	0·80	51·I0513	10·2	*	49·346	- 4·661	1·30	51·I0522	9·2
...	36·933	-51·933	0·65	...	...	*	43·445	+11·791	0·95	50·I0308	9·9	...	49·400	-19·729	- 3	...	...
*	37·110	-18·971	1·00	51·I0511	9·8	...	43·451	-40·397	- 4	...	...	...	49·424	+ 4·191	- 3	...	...
*	37·162	+17·991	2·20	50·I0295	8·7	...	43·464	- 4·643	- 4	...	...	*	49·466	- 2·029	0·90	51·I0523	9·8
92I	...	...	...	...	...	98I	...	...	...	...	...	104I	...	...	...	...	...
...	37·222	-44·579	0·70	...	...	...	+43·637	- 0·734	0·75	50·I0309	10·2	...	+49·580	- 9·834	- 4	...	...
...	37·254	+18·470	- 4	...	...	...	43·660	-19·501	- 5	...	...	...	49·885	+23·690	- 3	...	...
...	37·747	+35·832	- 3	...	...	...	43·891	+24·351	- 3	...	...	...	50·014	-13·833	- 4	...	...
...	37·817	+13·244	- 5	...	...	...	44·104	+ 3·919	- 3	...	...	...	50·045	-52·129	- 5	...	...
*	37·902	+19·605	2·60	50·I0296	8·6	...	44·156	+ 3·734	- 3	...	...	...	50·114	+ 7·301	0·70	...	...
...	-38·445	- 8·294	0·70	...	...	...	+44·200	+19·380	0·65	...	...	...	+50·136	+54·079	1·00	50·I0319	10·1
...	38·446	-28·472	0·70	...	...	...	44·379	+30·870	- 3	...	...	...	50·295	+11·098	- 3	...	...
...	38·473	+34·623	3·00	50·I0297	8·3	...	44·382	-52·028	- 4	...	...	...	50·323	-36·542	- 3	...	...
...	38·522	+35·580	0·90	...	...	*	44·514	-47·834	1·80	51·I0514	8·6	...	50·335	+21·937	- 4	...	...
...	38·817	+56·171	1·00	50·I0299	10·0	†	44·744	-56·179	2·20	51·I0515	8·6	...	50·476	+51·737	- 1	...	...
93I	...	...	...	...	...	99I	...	...	...	...	...	105I	...	...	...	...	...
*	38·843	+57·942	1·20	50·I0298	9·7	†	+44·800	+23·670	2·20	50·I0310	8·6	*	+50·481	+13·464	1·80	50·I0320	9·1
...	38·885	+42·121	- 4	...	...	...	45·038	-34·384	- 5	...	...	...	50·507	-33·156	- 5	...	...
...	38·973	+25·002	- 4	...	...	...	45·063	+ 6·035	1·10	50·I0311	9·8	...	50·554	+32·741	- 3	...	...
...	39·113	-23·772	0·85	...	...	...	45·067	-53·071	- 5	...	...	...	50·984	-47·508	- 4	...	...
...	39·357	+25·431	- 5	...	...	...	45·376	+11·249	- 3	...	...	...	51·167	+55·976	- 4	...	...
...	-39·386	-18·990	- 5	...	...	...	+45·377	-32·142	- 3	...	...	...	+51·597	-48·896	- 4	e	...
...	39·688	+21·765	1·00	50·I0300	10·0	†	45·491	+24·712	1·50	50·I0312	9·2	...	51·656	+29·811	- 5	...	...
...	39·742	+18·922	- 4	...	...	S *	45·598	+13·119	1·70	50·I0313	9·0	*	51·756	+47·412	1·20	50·I0321	9·6
†	39·878	- 3·815	- 2	...	...	...	45·714	+41·151	- 1	...	...	...	51·844	+24·847	- 5	...	...
...	39·920	-52·254	- 4	...	...	...	45·847	- 1·758	0·90	51·I0516	9·8	...	52·221	+11·265	- 5	...	...
94I	...	...	...	...	...	100I	...	...	...	...	...	106I	...	...	...	...	...
†	-39·963	+13·530	- 4	...	...	*	+45·885	- 9·988	1·00	51·I0517	9·8	...	+52·264	+20·155	- 3	...	...
...	40·160	+51·994	- 3	...	...	...	45·906	-33·211	0·90	51·I0518	10·2	...	52·439	- 6·868	- 3	...	...
*	40·295	+52·574	1·40	50·I0301	9·5	...	45·989	+19·928	- 2	...	...	...	52·444	- 7·072	- 4	...	...
*	40·301	+22·380	1·20	50·I0302	9·6	...	46·079	+30·782	- 4	...	...	e	52·456	-34·977	1·00	51·I0525	9·8
...	40·341	- 2·231	- 5	...	...	...	46·132	-14·315	- 4	...	...	...	52·709	- 6·696	- 2	...	...
...	+40·355	- 8·380	- 3	...	...	†	+46·143	+24·791	- 4	...	...	...	+52·774	- 2·928	1·00	51·I0524	10·2
...	40·422	-38·333	- 1	...	...	...	46·167	-57·298	- 5	...	...	...	53·122	+40·820	0·75	...	...
...	40·476	+10·562	0·75	50·I0304	10·2	...	46·172	+ 2·049	- 5	...	...	...	53·152	+20·482	- 4	...	...
...	40·544	+55·503	- 3	...	...	*	46·181	+ 9·105	1·00	50·I0314	9·9	e	53·613	-41·567	0·95	51·I0527	10·2
*	40·570	+32·274	3·50	50·I0303	8·0	...	46·236	-17·989	- 3	...	...	...	53·729	+25·123	0·90	...	...
95I	...	...	...	...	...	101I	...	...	...	...	...	107I	...	...	...	...	...
...	-40·574	+51·253	- 3	...	...	...	+46·533	+ 7·241	- 5	...	...	e *	+53·778	-30·635	1·20	51·I0526	9·6
...	40·594	+57·928	- 2	...	...	...	46·543	+14·391	- 3	...	...	...	54·053	+42·613	0·75	...	...
...	40·873	-37·087	- 5	...	...	...	46·659	-42·391	- 5	...	...	e *	54·067	-20·729	1·00	51·I0528	10·2
...	40·874	+36·843	- 2	...	...	...	46·793	+15·049	- 1	...	...	...	54·434	+46·699	0·65	...	...
...	41·066	+36·915	- 3	...	...	...	47·047	-52·384	- 5	...	...	...	54·503	-11·074	- 3	e	...
...	+41·102	-51·558	- 2	...	...	...	+47·056	+30·726	- 4	b	...	...	+54·515	-49·693	0·90	e	...
...	41·389	-31·840	0·80	51·I0512	10·2	...	47·106	+ 6·224	- 4	...	...	...	54·687	+52·162	- 2	...	...
...	41·470	-43·185	- 4	...	...	...	47·270	+57·653	- 3	...	...	†	54·910	+24·466	- 4	...	...
...	41·625	- 5·740	- 4	...	...	...	47·331	+11·462	- 3	...	...	...	54·965	-34·714	0·65	e	...
...	41·734	-10·371	- 1	...	...	...	47·497	-56·048	- 1	...	...	...	55·001	+28·757	0·95	50·I0322	10·1

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
1081-1100						1101-1120						1121-1129					
108I	...	...	...	...	...	110I	...	...	...	...	...	112I	...	...	...	...	...
...	+55.061	+33.206	1.00	50.10323	10.0	...	+57.305	-21.206	-4	<i>e</i>	...	...	+59.244	-13.510	-2	<i>e</i>	...
...	55.216	+20.875	-5	...	...	...	57.571	-21.080	-5	<i>e</i>	...	...	59.256	+19.414	-5	<i>e</i>	...
<i>e</i>	55.347	-58.738	1.00	51.10531	10.0	<i>e</i> *	57.571	-47.440	4.80	51.10535	7.2	...	59.489	-37.070	-5	<i>e</i>	...
<i>e</i>	55.423	-48.828	1.05	51.10530	9.8	...	57.601	+51.831	-5	...	...	...	59.572	+16.817	-2	...	...
...	55.523	-27.300	-5	<i>e</i>	...	<i>e</i> *	57.699	-13.275	1.50	51.10534	9.0	...	59.657	+36.647	1.00	50.10330	10.0
...	+55.598	-39.703	-2	<i>e</i>	...	...	+57.707	+54.371	0.85	50.10326	10.2	...	+59.663	+56.842	-1	...	...
<i>e</i>	55.616	-55.702	1.20	51.10532	9.6	...	57.711	+3.031	-5	...	...	...	59.688	-14.575	-3	<i>e</i>	...
...	55.731	-47.438	-5	<i>e</i>	...	...	58.133	+53.748	1.10	50.10327	9.8	...	59.696	+20.353	-4	...	...
...	55.795	-15.049	0.75	<i>e</i>	...	...	58.170	-27.620	-4	<i>e</i>	...	...	59.699	+6.457	-5	...	...
<i>e</i>	55.892	-17.674	0.85	51.10529	10.2	...	58.187	+4.174	0.95	50.10329	10.1	...	...	...	...	...	...
109I	...	...	...	...	...	111I	...	...	...	...	...	...	...	...	...	...	...
...	+56.026	-33.019	-3	<i>e</i>	...	...	+58.195	+38.497	-4	...	...	...	...	...	...	...	...
...	56.046	+30.953	-5	...	...	*	58.278	+12.466	1.05	50.10328	9.8	...	...	...	...	...	...
...	56.138	+2.584	-4	...	...	...	58.284	-3.453	-4	<i>e</i>	...	...	...	...	...	...	...
...	56.143	+26.122	0.65	...	...	...	58.453	-52.776	-4	<i>e</i>	...	...	...	...	...	...	...
...	56.318	-32.649	0.75	<i>e</i>	...	...	58.717	-49.743	-3	<i>e</i>	...	...	...	...	...	...	...
...	+56.327	+21.913	-5	...	...	...	+58.836	+47.699	-5	...	...	...	...	...	...	...	...
*	56.388	+55.896	1.60	50.10324	9.4	<i>e</i> *	58.907	-5.984	1.05	51.10536	9.8	...	...	...	...	...	...
<i>e</i>	56.503	-25.662	0.90	51.10533	10.2	...	58.945	-26.078	-2	<i>e</i>	...	...	...	...	...	...	...
...	56.709	+29.542	1.00	50.10325	9.9	<i>e</i>	58.999	-36.801	0.80	51.10537	10.2	...	...	...	...	...	...
...	56.923	+23.270	-3	...	...	...	59.068	-31.724	-1	<i>e</i>	...	...	...	...	...	...	...

1-30						31-60						61-90					
I	...	...	...	...	...	3I	...	...	...	...	...	6I	...	...	...	...	...
...	-60.117	-36.867	-4	<i>e</i>	...	...	-58.443	-52.713	-5	<i>e</i>	...	...	-56.965	+33.320	-4	<i>M</i>	...
...	60.095	-43.969	-4	...	...	E	58.405	-20.808	0.95	51.10528	10.2	...	56.932	-34.755	-2	<i>E</i>	...
...	60.008	+25.326	-5	<i>M</i>	...	...	58.374	+59.641	-4	<i>M</i>	...	...	56.909	-15.078	0.85	<i>E</i>	...
...	59.988	+2.136	-3	...	...	...	58.363	-11.147	-1	<i>E</i>	...	...	56.897	-44.665	-4	...	...
...	59.936	-43.006	-5	...	...	...	58.354	-21.844	-4	...	...	...	56.871	+51.141	-4	...	...
...	-59.885	-55.283	-4	...	...	...	-58.284	-10.339	-5	...	...	...	-56.774	+7.789	-5	<i>M</i>	...
...	59.720	-49.074	-3	<i>E</i>	...	E *	58.281	-30.723	1.20	51.10526	9.6	...	56.772	-49.734	0.90	<i>E</i>	...
...	59.718	-46.485	-5	...	...	...	58.250	-0.523	-5	<i>p</i>	...	...	56.697	+38.525	-2	...	...
...	59.717	-13.179	-5	...	...	...	58.247	+26.077	-1	...	...	E	56.697	-17.692	0.90	51.10529	10.2
...	59.677	-30.180	-5	...	...	...	58.221	-23.145	-4	...	...	...	56.662	-27.327	-3	<i>E</i>	...
II	...	...	...	...	...	4I	...	...	...	...	...	7I	...	...	...	...	...
...	-59.617	+10.928	-5	<i>M</i>	...	...	-58.096	+46.025	-5	<i>M</i>	...	...	-56.539	+21.323	-4	<i>M</i>	...
*	59.610	+33.118	1.10	50.10323	10.0	...	58.095	-28.767	-3	...	...	...	56.486	-56.846	-5	...	...
...	59.577	+11.216	-3	<i>B</i>	...	...	58.008	-17.570	-5	...	...	...	56.467	-15.568	-5	...	...
...	59.562	+16.270	-5	<i>M</i>	...	E	58.000	-41.654	0.90	51.10527	10.2	...	56.435	-0.964	-4	...	...
...	59.547	+22.092	-5	<i>M</i>	...	...	57.983	+53.531	-4	...	...	...	56.430	+47.743	-3	...	...
*	-59.501	+28.667	1.00	50.10322	10.1	...	-57.913	-31.821	-5	...	...	...	-56.285	+7.066	-5	<i>M</i>	...
...	59.490	-52.408	-3	...	...	...	57.892	-14.546	-5	...	...	...	56.205	+53.516	-5	<i>M</i>	...
E *	59.429	-35.124	1.10	51.10525	9.8	...	57.880	+21.872	-3	...	...	...	56.108	-10.255	-4	...	...
...	59.419	+24.369	-3	...	...	...	57.838	-9.582	-3	...	...	...	56.097	-39.720	-2	<i>E</i>	...
...	59.323	+9.110	-5	<i>M</i>	...	...	57.835	+51.827	-3	...	...	...	56.062	+42.411	-4	<i>M</i>	...
2I	...	...	...	...	...	5I	...	...	...	...	...	8I	...	...	...	...	...
...	-59.292	-27.901	-4	...	...	...	-57.818	+54.372	-1	50.10326	10.2	...	-56.032	-41.101	-4	...	...
*	59.220	+55.838	1.80	50.10324	9.4	*	57.816	+29.520	0.95	50.10325	9.9	...	56.004	-5.338	-3	...	...
...	58.999	-7.311	-4	...	...	...	57.631	-38.725	-5	...	...	...	56.004	-25.774	-4	...	...
...	58.951	+20.794	-3	...	...	...	57.571	-34.484	-5	...	...	...	55.981	+56.911	-1	...	...
...	58.906	-7.409	-4	...	...	...	57.530	+52.725	-5	<i>M</i>	...	...	55.951	+41.108	-4	<i>M</i>	...
...	-58.768	-12.137	-5	...	...	*	-57.383	+53.773	1.10	50.10327	9.8	...	-55.948	-33.023	-2	<i>E</i>	...
†	58.746	-59.855	-5	...	...	...	57.352	+23.259	-3	...	...	E *	55.903	-48.833	1.00	51.10530	9.8
...	58.696	-22.864	-5	<i>p</i>	...	...	57.278	+2.562	-3	...	...	...	55.855	+18.106	-3	...	...
...	58.569	-57.414	-5	...	...	...	57.024	+32.066	-4	<i>M</i>	...	...	55.790	-53.873	-5	<i>p</i>	...
...	58.528	+30.903	-3	...	...	...	56.973	+1.683	-4	<i>M</i>	...	E	55.761	-25.644	0.90	51.10533	10.2

MC measured from I, 208, 416, 599, 780.

C " " 104, 311, 513, 694, 877, 1047, 1216, 1389, 1559, 1745, 1928, 2114.

L " " 972, 1147, 1309, 1471, 1652, 1850, 2024.

Notes.	Co-ordinates.			Diam.	C.P.D.		Notes.	Co-ordinates.			Diam.	C.P.D.		Notes.	Co-ordinates.			Diam.	C.P.D.	
	x.	y.	-z.		No.	Mag.		x.	y.	-z.		No.	Mag.		x.	y.	-z.		No.	Mag.
91-150						151-210						211-270								
9I	-55.731	+3.074	-3	...	...	15I	-53.045	-14.435	-2	E	...	21I	-50.006	+46.466	1.20	50.10335	10.0	...	...	
...	55.671	+2.857	-5	M	...	...	53.039	-5.210	-5	p	...	...	49.909	-10.222	-3	...	...	...	...	
...	55.667	-32.637	0.85	E	...	...	53.033	-34.871	-5	...	...	...	49.895	+9.558	-4	M	...	...	...	
...	55.656	+46.748	-3	...	...	...	52.976	+33.240	-5	M	...	...	49.886	+27.545	-4	M	...	...	...	
...	55.649	-47.428	-3	E	...	...	52.964	-31.596	0.65	E	...	...	49.875	-50.635	1.30	51.10540	9.4	...	...	
...	-55.620	+28.125	-5	M	...	...	-52.903	+29.572	0.95	...	...	...	-49.862	-36.634	-5	p	...	...	...	
...	55.590	-6.194	-5	...	...	...	52.838	-5.980	-5	p	...	...	49.785	+46.019	-4	M	...	...	...	
E	55.572	-58.735	1.00	51.10531	10.0	E	52.816	-36.670	0.95	51.10537	10.2	...	49.686	-7.713	-3	...	...	...	...	
*	55.549	+12.510	1.10	50.10328	9.8	...	52.799	+53.145	-4	...	...	...	49.667	-49.998	-5	p	...	...	...	
E *	55.426	-55.702	1.20	51.10532	9.6	...	52.785	+28.985	-5	...	...	...	49.654	+6.030	-5	M	...	...	...	
10I	...	...	...	...	...	16I	-52.780	+14.129	-5	M	...	22I	-49.561	+54.839	-5	M	...	...	...	
...	-55.313	-40.791	-5	...	...	...	52.725	+6.977	-4	M	...	...	49.528	+35.314	-5	M	...	...	...	
*	55.312	+4.237	0.95	50.10329	10.1	...	52.714	-52.650	-3	E	...	...	49.492	+53.314	-4	M	...	...	...	
...	55.272	-42.439	-5	...	...	...	52.659	+42.654	-5	M	...	...	49.483	+22.328	-5	M	...	...	...	
†	55.166	+36.732	1.00	50.10330	10.0	...	52.630	+16.896	-5	M	...	...	49.476	-13.642	-3	...	...	...	...	
...	55.151	-21.152	-3	E	...	...	-52.627	-37.729	-5	...	...	...	-49.471	+7.902	-3	...	...	...	...	
E *	-55.141	+10.900	-5	M	...	...	52.576	-49.615	0.65	E	...	...	49.464	-10.045	-5	...	...	...	...	
...	55.067	-13.229	1.40	51.10534	9.0	...	52.553	+45.500	-5	M	...	...	49.449	+57.658	-3	...	...	...	...	
...	55.049	-51.668	-5	p	...	...	52.542	+37.985	-3	...	...	...	49.328	-26.228	-1	...	...	...	...	
...	54.902	-3.381	-1	E	...	...	52.505	-2.135	0.70	...	...	...	49.305	+28.463	-4	M	...	...	...	
...	54.881	-21.021	-4	E	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
III	...	...	...	...	...	17I	-52.376	-32.403	-4	...	...	23I	-49.235	+10.432	0.80	...	...	...	...	
...	-54.863	+19.498	-4	E	...	...	52.351	+26.139	-5	M	...	...	49.195	-56.989	1.00	51.10541	10.2	...	...	
...	54.862	-5.571	-5	...	...	...	52.323	-36.916	-3	E	...	...	49.113	-57.342	-4	...	...	...	...	
...	54.779	+32.942	-5	M	...	...	52.257	-2.432	0.85	...	...	...	49.072	-58.834	-3	...	...	...	...	
...	54.698	+15.520	-5	M	...	...	52.250	+32.672	1.00	...	...	...	49.003	+48.728	-4	M	...	...	...	
†	54.576	-39.867	-4	...	...	...	-52.233	+33.722	0.65	...	...	...	-48.988	-50.557	-5	p	...	...	...	
...	-54.537	-8.914	-5	p	...	...	52.115	-18.574	-4	...	...	...	48.983	+49.670	-4	M	...	...	...	
...	54.486	-37.789	-5	p	...	S *	52.105	-20.373	1.95	51.10538	8.8	...	48.959	+40.072	-2	...	...	...	...	
...	54.462	+20.455	0.65	...	...	...	52.100	+20.684	-3	...	...	...	48.945	+32.922	-5	M	...	...	...	
...	54.438	+16.916	0.70	...	...	...	51.967	+35.883	-3	...	...	...	48.879	-35.370	0.90	51.10542	10.2	...	...	
†	54.407	+34.814	1.10	50.10331	9.9	...	...	...	...	...	...	24I	-48.844	-54.780	-4	...	...	...	...	
12I	...	...	...	...	...	18I	-51.917	-35.381	-5	p	...	...	...	48.839	+58.806	-5	M	...	...	
E *	-54.348	-43.374	-5	...	...	S *	51.882	+41.551	2.20	50.10333	8.6	...	...	48.781	+37.694	-5	M	...	...	
...	54.166	-5.884	1.10	51.10536	9.8	...	51.819	-4.569	-5	...	...	...	...	48.730	+48.723	-5	M	...	...	
...	54.134	-43.969	-5	p	...	...	51.660	+12.522	-5	M	...	...	...	48.721	+29.009	-3	D	...	...	
...	54.128	-46.089	-4	...	...	...	51.654	+23.719	1.90	50.10332	9.0	...	...	-48.678	-55.755	-5	...	...	...	
...	54.106	-50.500	-5	p	...	*	-51.605	+56.395	-5	M	...	...	...	48.521	-32.857	-3	...	...	...	
...	-54.080	-22.504	-5	p	...	...	51.574	-46.290	-5	p	...	...	...	48.457	+10.422	-4	M	...	...	
...	54.047	+45.510	-3	...	...	...	51.523	+52.596	1.20	50.10334	9.8	...	...	48.410	-30.017	-5	p	...	...	
...	54.023	+30.170	-3	...	...	...	51.469	+32.466	1.00	...	...	...	...	48.352	+57.326	-5	M	...	...	
...	54.019	+11.701	-5	M	...	...	51.453	-41.610	-5	...	...	...	25I	-48.310	+18.132	-3	...	...	...	
...	54.018	-27.532	-2	E	...	...	...	...	...	...	...	...	...	48.293	+16.430	-5	M	...	...	
13I	...	...	...	...	...	19I	-51.442	-10.202	-5	p	...	...	...	48.245	+27.863	-3	B	...	...	
...	-53.979	-23.838	0.65	...	...	...	51.378	+13.788	-5	M	...	...	...	48.223	+55.289	-3	...	...	...	
...	53.932	+31.535	-5	M	...	...	51.345	+38.827	-5	M	...	...	...	48.140	-35.179	-4	...	...	...	
...	53.890	+6.576	-3	...	...	...	51.229	-40.854	-5	p	...	...	...	-48.097	-23.361	-3	...	...	...	
E *	53.791	-47.365	4.80	51.10535	7.2	...	51.228	+59.269	-4	...	...	...	...	48.091	-37.503	-5	p	...	...	
...	53.728	+2.923	-5	M	...	...	-51.139	+52.018	-5	M	...	...	...	48.073	-39.398	-4	...	...	...	
...	-53.704	-46.462	-4	...	...	...	50.915	-10.186	-2	...	...	...	...	48.060	-2.462	-2	...	...	...	
...	53.672	-3.201	-5	...	...	...	50.736	+27.549	-5	M	...	...	...	48.055	-58.015	-3	...	...	...	
...	53.665	+54.350	-1	...	...	...	50.666	+1.207	-4	...	...	...	...	...	...	...	...	...	...	
...	53.665	+32.910	-3	...	...	...	50.660	+26.246	-4	...	...	...	...	...	...	...	...	...	...	
...	53.620	+14.430	-4	M	...	...	...	...	...	...	...	...	26I	-48.033	-58.539	-2	...	...	...	
14I	...	...	...	...	...	20I	-50.631	-31.416	-2	...	...	...	...	48.017	-44.141	-5	p	...	...	
†	-53.619	+34.923	-3	...	...	...	50.574	-23.781	-5	p	...	...	...	...	47.996	-47.277	-3	...	...	...
...	53.531	+38.545	-3	...	...	...	50.521	+14.110	-5	M	...	...	...	...	47.786	-54.482	-1	...	...	...
...	53.527	-13.390	-1	E	...	...	50.443	-12.826	-3	...	...	...	...	...	47.780	-46.401	-3	...	...	...
...	53.500	+20.968	0.65	...	...	...	50.390	-34.766	0.70	...	...	...	...	...	-47.778	-44.203	-5	p	...	...
...	53.485	-7.291	-5	p	...	...	-50.298	+29.866	-5	M	...	...	...	...	47.598	+47.925	-1	...	...	...
...	-53.467	+0.978	-4	...	...	...	50.277	+55.165	-5	...	...	...	...	...	47.596	-12.454	-2	...	...	...
...	53.403	-3.248	-5	...	...	...	50.138	-10.250	-3	...	...	...	...	...	47.551	-55.450	-3	...	...	...
...	53.313	-25.964	0.70	E	...	...	50.048	-48.077	-3	...	...	...	...	...	47.476	-2.152	-1	...	...	...
...	53.142	-3.976	0.90	...	...	...	50.028	-51.877	1.30	51.10539	9.4	...	...	...	...	...	...	...	...	
...	53.058	+10.673	-4	M	...	*	...	...	...	...	...	...	...	...	...	...	...	...	...	

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
271-330						331-390						391-450					
27I	-47.410	-20.784	1.40	51.10543	9.0	33I	-44.379	-31.723	1.10	51.10548	9.6	39I	-41.721	+47.829	-3	...	...
*	47.373	+29.025	-2	...	...	...	44.327	-48.592	-3	...	...	*	41.641	+9.661	1.20	50.10338	9.7
...	47.219	-33.327	-4	p	...	...	44.189	-59.392	-4	...	...	...	41.499	+1.777	0.85	...	...
...	47.168	+46.373	-4	M	...	...	44.187	-33.496	-5	p	...	...	41.466	+55.268	0.65	...	...
...	47.153	-6.246	-5	p	...	...	44.143	-33.338	-5	p	...	*	41.456	+58.792	1.10	50.10340	10.1
...	-47.100	+53.447	-5	M	...	...	-44.135	-47.155	-5	...	...	*	-41.436	-7.485	1.90	51.10553	8.8
...	47.010	+12.073	-4	M	...	...	44.117	+45.588	-5	M	...	...	41.423	-38.893	-5	p	...
...	46.962	+58.996	-3	B	...	...	44.098	+23.637	-2	...	...	...	41.402	+46.179	-4	M	...
...	46.947	-25.109	-2	...	...	...	44.029	-36.851	-5	...	...	...	41.366	+39.395	-5	M	...
...	46.804	-17.140	-5	p	...	...	44.028	+5.189	-5	M	...	...	41.359	-58.346	-5	...	...
28I	-46.800	-17.052	-5	p	...	34I	-44.013	+15.823	-5	M	...	40I	-41.298	+41.695	-3	...	...
...	46.603	-24.245	-4	...	...	...	44.013	-26.034	0.75	...	...	...	41.288	+19.335	0.85	...	...
...	46.539	+48.986	-2	...	...	...	44.011	+48.157	-5	M	...	...	41.198	-47.899	-3	...	...
...	46.476	+35.529	-3	...	...	...	43.997	+4.674	-5	...	...	...	41.189	+33.699	0.95	50.10339	9.9
...	46.385	-6.673	-3	...	...	...	43.964	+58.496	-5	M	...	...	41.134	-30.751	-5	...	...
...	-46.355	-52.574	-3	...	...	...	-43.947	+11.067	-5	M	...	...	-41.055	+46.678	-3	...	...
...	46.328	+42.105	-5	M	...	*	43.879	-17.651	1.00	51.10550	10.0	...	41.032	+48.764	-1	...	...
...	46.305	-42.046	-5	p	...	...	43.662	-56.323	-5	p	...	...	41.023	-7.720	-5	p	...
...	46.184	-38.682	-1	...	...	...	43.621	+28.238	-5	M	...	...	40.910	-22.336	0.75	...	...
...	46.140	+51.775	0.90	50.10336	10.1	...	43.582	-41.012	0.90	...	...	...	40.878	+0.264	-4	...	...
29I	-46.121	+20.866	-3	...	...	35I	-43.578	+41.010	-2	...	...	41I	-40.711	+47.007	-5	M	...
*	46.064	+52.122	1.40	50.10337	9.7	...	43.506	+3.448	-5	...	...	...	40.683	+48.218	-1	...	...
...	46.044	+24.533	-5	M	...	...	43.504	-49.328	-4	...	...	...	40.595	-50.636	-4	...	...
...	45.992	+32.492	-5	M	...	...	43.474	+15.461	-4	...	...	...	40.410	+48.362	-5	M	...
*	45.988	-5.509	1.60	51.10545	9.0	...	43.429	-47.466	0.95	...	...	†	40.284	+17.870	-3	...	...
...	-45.920	-6.747	-5	p	...	...	-43.411	-22.327	-4	...	...	†	-40.238	+19.094	-4	...	...
...	45.908	+55.295	-4	...	...	...	43.376	+29.157	-5	M	...	†	40.202	-2.675	1.00	51.10555	9.8
...	45.762	-28.342	-4	...	...	...	43.314	+14.366	-3	...	...	†	40.199	-4.400	-2	...	...
...	45.742	+19.744	-4	M	...	...	43.201	-5.567	-5	p	...	...	40.139	-43.498	-4	...	...
...	45.648	+19.475	-5	M	...	...	43.184	+40.467	-5	M	...	...	40.133	-35.358	-5	p	...
30I	-45.593	+39.650	-5	M	...	36I	-43.163	+2.193	-4	M	...	42I	-40.078	+17.665	1.40	50.10341	9.3
...	45.592	-30.916	-5	p	...	...	43.161	-36.640	-5	...	...	...	40.077	+14.322	-5	M	...
...	45.582	-0.886	-2	...	...	...	43.130	-50.343	-5	p	...	...	40.043	+26.883	-3	...	...
*	45.489	-41.823	1.10	51.10544	9.8	...	43.125	-21.534	0.75	...	...	*	39.995	+41.726	1.30	50.10343	9.7
...	45.488	+48.576	-4	M	...	...	43.117	+50.794	-4	M	...	...	39.981	+15.222	-2	...	...
...	-45.485	-44.451	-3	...	...	†	-43.109	-24.983	0.75	...	...	...	-39.970	-53.909	0.95	51.10554	10.2
...	45.415	-11.623	-5	...	...	...	43.016	-32.195	-4	...	...	...	39.930	+57.379	-2	...	...
...	45.401	+50.165	-4	M	...	...	43.015	-55.165	-5	p	...	...	39.886	+38.809	-4	M	...
...	45.382	+45.381	-4	M	...	...	42.994	-0.100	-4	F	...	...	39.873	-25.175	-4	p	...
...	45.327	+36.447	-4	M	...	...	42.966	+6.261	-5	M	...	S *	39.811	+15.624	3.30	50.10342	8.0
31I	-45.201	+24.305	0.70	...	...	37I	-42.954	-15.350	-2	...	...	43I	-39.739	+3.192	-5	M	...
†	45.164	-39.846	-5	...	...	...	42.839	-14.147	-5	...	...	...	39.710	+28.015	-5	M	...
...	45.121	+25.969	-5	M	...	...	42.772	-39.321	-3	...	...	...	39.625	-51.649	-3	...	...
*	45.088	-34.457	1.15	51.10546	9.6	*	42.737	-5.314	0.95	51.10551	9.8	...	39.616	+42.420	-4	M	...
...	45.029	+45.534	-4	M	...	...	42.618	-31.754	-5	...	...	...	39.588	-12.637	-5	p	...
...	-44.916	-27.157	0.70	...	...	...	-42.503	-3.702	-4	...	...	...	-39.563	-23.779	-5	...	...
...	44.850	-40.290	0.90	51.10547	10.2	...	42.487	+13.384	0.85	...	...	...	39.544	+18.340	-3	...	...
...	44.815	-10.406	-2	...	...	...	42.483	+22.974	-2	...	...	...	39.541	-42.338	-4	...	...
...	44.764	+59.604	0.75	...	...	...	42.245	-36.475	-3	...	...	...	39.540	-43.836	-3	...	...
...	44.694	+20.304	-5	M	...	...	42.198	-19.874	1.50	51.10552	9.0	...	39.460	+57.619	-3	...	...
32I	-44.690	+30.244	-5	M	...	38I	-42.192	+50.227	-5	M	...	44I	-39.329	+9.722	-3	...	...
...	44.623	-54.089	-5	p	...	...	42.158	+34.309	-5	M	...	...	39.318	+29.410	0.90	...	...
...	44.581	+31.104	0.65	...	...	...	42.111	+18.501	-4	M	...	...	39.283	+13.305	-5	M	...
*	44.559	-18.460	1.00	51.10549	9.8	...	42.073	+50.914	-3	...	...	...	39.253	+45.452	-3	...	...
...	44.528	-10.771	-5	...	...	...	41.935	+30.469	-5	M	...	...	39.125	+26.871	0.80	...	...
...	-44.517	+56.484	-5	M	...	...	-41.925	+25.625	-5	M	...	...	-38.999	+1.604	-3	...	...
...	44.443	-28.123	-3	...	...	...	41.915	-17.007	-4	...	...	...	38.984	+52.207	-5	M	...
...	44.425	+40.669	-5	M	...	...	41.856	+59.289	-4	...	...	...	38.942	+52.874	-5	M	...
...	44.421	+23.114	-5	M	...	...	41.784	-55.127	-5	...	...	...	38.886	-23.757	-5	...	...
...	44.417	+12.305	-5	M	...	...	41.725	+35.340	-3	...	...	...	38.873	+57.836	-4	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
451-510						511-570						571-630					
45I	-38.842	+5.943	-5	M		51I	-35.459	-10.414	0.85	51.10558	10.2	57I	-31.877	+46.839	-3		
...	38.831	+35.370	-2			...	35.338	+14.268	-4			...	31.832	+9.853	-3		
...	38.780	+38.842	-2			...	35.040	+53.459	-4			...	31.823	-38.950	-5		
...	38.734	+51.765	-5	M		...	34.956	+21.739	-4	M		...	31.821	-28.890	0.80		
...	38.686	-51.376	-5	p		...	34.935	-7.579	-3			...	31.754	+37.804	-5	M	
...	-38.684	-54.186	-4			...	-34.876	-47.063	-5			...	-31.653	+2.400	-2		
...	38.644	+11.003	-4	M		...	34.822	+36.769	-5	M		*	31.560	+22.087	1.00	50.10349	10.1
...	38.606	+12.408	-2			...	34.705	-34.269	-5			...	31.534	+15.144	-2		
...	38.439	-42.733	-5			...	34.653	+54.914	-5	M		...	31.468	-14.430	0.70		
...	38.433	+0.656	-5	M		...	34.616	+30.386	0.80			...	31.432	+41.572	-5	M	
46I	-38.334	+54.406	-5	M		52I	-34.604	+3.448	-5	M		58I	-31.383	+18.201	-3		
...	38.294	+11.143	-2			...	34.546	-43.375	-4			...	31.270	+56.589	0.95	50.10350	10.2
...	38.243	+52.426	-5	M		...	34.515	+38.886	-5	M		...	31.258	-13.823	-5		
...	38.174	-36.316	-2			...	34.507	+17.491	-5	M		...	31.223	-52.956	-4		
...	38.057	+29.803	-4	M		...	34.504	+4.474	-4			...	31.171	+32.191	-4	M	
...	-37.824	+8.540	-5	M		...	-34.462	+40.850	-4	M		...	-31.111	+9.001	-5	M	
...	37.789	-0.114	-4			...	34.418	+27.948	-5	M		...	31.073	+49.439	-5	M	
...	37.624	-0.695	-4			...	34.371	+20.024	-3	M		...	31.030	+21.403	0.70		
...	37.539	+48.231	-4	M		...	34.287	+25.413	-4	M		...	30.926	-54.424	0.80		
...	37.455	+29.151	-2			*	34.269	-47.135	1.00	51.10559	9.8	...	30.922	+44.961	-5	p	
47I	-37.450	+31.051	-4	M		53I	-34.193	-52.068	1.40	51.10560	9.2	59I	-30.845	+54.635	0.65		
*	37.216	-22.530	1.50	51.10557	9.4	...	34.191	+53.005	0.85			...	30.777	+11.169	0.75		
...	37.214	+41.854	-5	M		...	34.138	-24.750	-2			...	30.740	+29.797	-4		
...	37.203	-42.309	-3			...	34.097	+9.356	0.90	50.10346	10.2	*	30.722	-33.018	1.20	51.10562	9.4
...	37.174	+56.208	-2			*	34.079	+30.276	1.00	50.10347	10.0	...	30.692	+32.887	-5	M	
...	-37.148	-25.565	-4			...	-34.041	+34.126	-5	M		†	-30.573	-24.902	-5	p	
...	37.127	+10.680	-2			...	33.938	+11.115	-4			...	30.441	+27.395	-3		
*	37.039	-57.657	1.20	51.10556	9.4	...	33.811	+53.724	-5	M		†	30.368	+14.196	-3		
...	37.018	-57.820	-5			...	33.734	+8.395	-4			...	30.224	+0.618	-4		
...	36.999	+25.581	0.80			...	33.582	-29.366	-2			†	30.224	-46.283	-4		
48I	-36.935	+39.462	-3	B		54I	-33.572	-44.276	-5			60I	-30.199	+54.380	-3	B	
...	36.912	-17.541	-1			...	33.559	+6.614	-5	M		...	30.191	+58.667	-4	M	
...	36.863	-36.944	-5	p		*	33.536	-50.381	0.95	51.10561	10.2	...	30.185	+16.395	-5	M	
...	36.857	+54.771	-2			...	33.509	-15.994	-5	p		...	30.179	-41.709	-5	p	
...	36.675	+37.516	-5	M		...	33.491	+40.298	-5	M		...	30.110	-24.152	-2		
...	-36.674	+53.568	-1			...	-33.414	-0.211	-5	p		*	-30.076	+11.754	1.00	50.10351	9.9
...	36.609	+19.261	-1			...	33.308	-29.837	-5			...	30.064	+51.271	-4	M	
...	36.557	-2.031	-3			...	33.256	+12.196	0.70			...	30.001	+23.359	-4	M	
...	36.455	-38.392	-5	p		...	33.136	-7.204	-5			...	29.989	+24.121	-2		
...	36.440	+14.499	-3			...	33.068	-27.558	-4			...	29.987	+21.157	-4	M	
49I	-36.415	-53.238	0.90			55I	-33.058	+30.335	1.40	50.10348	9.2	61I	-29.918	+29.606	-4	M	
...	36.264	+12.760	-4	M		...	33.026	+32.992	-3	B		...	29.889	+12.280	-4		
...	36.255	-27.021	-4			...	32.965	-17.306	-3			†	29.874	+39.836	0.85		
...	36.164	+47.838	-4	M		...	32.960	+42.391	-5	M		...	29.864	-15.420	-5	p	
...	36.159	+9.729	-2			...	32.869	+31.181	-5	M		...	29.823	+11.472	-4	M	
...	-36.147	+23.636	-5	M		...	-32.860	+59.174	-4			...	-29.810	+12.886	-2		
...	36.139	+19.981	-2			...	32.801	+37.319	-2	A		*	29.798	+10.527	1.40	50.10352	9.6
†	36.053	+44.415	1.80	50.10345	9.1	...	32.788	-12.168	-5			...	29.757	-35.071	-4		
*	36.035	+43.324	-3	A		...	32.774	+12.632	-4			...	29.568	+51.727	-1		
...	36.002	+34.257	-2			...	32.707	-3.892	-5			...	29.457	-32.412	0.70		
50I	-35.983	+58.114	-1			56I	-32.678	+59.241	-1			62I	-29.417	+57.256	0.90		
...	35.956	+27.873	-3			...	32.512	+41.272	-5	M		...	29.416	+4.274	-5	M	
*	35.829	+17.939	0.95	50.10344	10.1	...	32.422	+22.520	-5	M		...	29.368	+55.893	-3		
...	35.776	+1.375	-4	M		...	32.318	+18.947	-3			...	29.306	+26.409	-5	M	
...	35.648	-36.267	-4			...	32.273	+8.209	-5	M		*	29.235	-27.882	1.10	51.10563	9.8
...	-35.606	-0.541	-5			...	-32.263	-38.885	-2			...	-29.219	-58.625	-2		
...	35.565	-6.090	-4	p		...	32.088	+19.555	-4			...	29.083	+35.005	-2		
...	35.504	-32.378	-5			...	31.993	+33.166	0.90			...	29.064	+2.532	-3		
...	35.503	+38.839	-5	M		...	31.950	+42.746	-5	M		...	29.019	-13.036	-5	p	
...	35.468	+11.099	0.85			...	31.887	-50.462	-5	p		...	28.971	-20.999	-3		

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
631-690						691-750						751-810					
63I	-28° 856	-3° 945	1.10	51.10566	9.6	69I	-25° 480	-25° 431	-3	...	...	75I	-21° 671	+52° 817	-5	M	...
*	28° 810	+33° 551	0.90	50.10353	10.2	†	25° 455	-34° 880	-1	...	...	...	21° 586	+43° 874	-4	...	...
...	28° 810	+2° 567	-3	...	...	†	25° 336	+6° 029	1.70	50.10357	9.1	...	21° 531	+41° 177	-5	M	...
...	28° 780	-6° 893	-2	...	...	†	25° 251	-33° 157	0.90	51.10569	10.2	*	21° 469	+9° 142	1.05	50.10360	9.8
...	28° 729	+30° 965	-4	M	...	...	25° 150	-47° 608	0.85	...	...	...	21° 466	-24° 222	-5	...	...
...	-28° 715	+21° 553	-4	M	...	...	-25° 104	-46° 880	0.70	...	...	...	-21° 391	-42° 119	-5	p	...
*	28° 681	-48° 922	1.00	51.10564	9.8	...	25° 001	+52° 652	-1	...	...	...	21° 340	-10° 112	-5	...	...
...	28° 643	+30° 202	-3	...	...	...	24° 959	-4° 369	-1	...	...	...	21° 268	+4° 345	-3	...	...
...	28° 386	+58° 973	-4	...	...	...	24° 906	+20° 372	-4	...	...	...	21° 244	-30° 260	-4	...	...
...	28° 380	-11° 049	-4	...	...	...	24° 868	-46° 483	-3	...	...	...	21° 130	-28° 625	-3	...	...
64I	-28° 360	-13° 419	4	p	...	70I	-24° 828	+49° 965	-5	M	...	76I	-21° 047	+52° 053	-4	...	...
...	28° 320	+55° 857	-3	...	...	...	24° 614	+32° 065	0.85	...	...	...	21° 037	+6° 263	-4	...	...
...	28° 304	+54° 390	-5	M	...	...	24° 610	+53° 337	0.90	...	...	*	20° 988	-55° 372	1.00	51.10573	10.0
...	28° 136	-56° 529	0.90	51.10565	10.2	...	24° 607	+56° 370	-5	M	...	...	20° 981	+42° 559	-4	M	...
...	28° 105	-38° 621	-4	...	...	...	24° 565	+12° 070	0.70	...	...	†	20° 980	-54° 818	1.00	51.10574	9.8
...	-27° 975	+33° 984	-3	...	...	*	-24° 475	-8° 205	1.10	51.10570	9.8	*	-20° 882	+59° 243	1.25	49.10250	9.6
*	27° 953	-32° 610	1.30	51.10567	9.5	...	24° 438	-12° 283	-4	...	...	...	20° 799	+27° 135	-5	...	...
...	27° 939	+39° 296	-4	M	...	...	24° 429	+33° 869	-2	...	...	...	20° 780	+42° 051	-5	M	...
*	27° 924	+53° 815	1.80	50.10355	9.0	...	24° 372	+21° 904	-5	M	...	...	20° 762	+28° 833	-5	M	...
...	27° 903	-36° 397	-4	...	...	...	24° 361	+23° 931	-3	...	...	...	20° 748	+46° 579	-5	M	...
65I	-27° 876	+1° 569	-5	M	...	71I	-24° 230	+9° 376	1.00	50.10358	10.1	77I	-20° 698	+40° 163	-1	...	...
...	27° 782	+1° 776	-5	M	...	...	24° 189	+37° 520	-5	M	...	...	20° 646	+4° 869	-5	...	...
...	27° 736	-56° 217	-5	p	...	...	24° 152	-20° 688	-5	...	...	...	20° 540	+47° 942	0.85	...	...
...	27° 715	-59° 525	-1	...	...	...	24° 000	+41° 384	-5	M	...	*	20° 531	+39° 453	1.00	50.10361	10.1
...	27° 708	+20° 975	0.90	...	...	*	23° 898	-2° 155	1.00	51.10571	9.8	...	20° 527	+18° 297	-5	...	...
...	-27° 600	-15° 675	-4	...	...	...	-23° 884	+47° 325	0.85	...	...	...	-20° 489	-33° 667	-4	p	...
...	27° 498	+58° 589	-3	...	...	...	23° 866	-7° 153	-5	...	...	*	20° 450	-18° 745	1.20	51.10576	9.4
...	27° 490	-43° 515	-2	...	...	...	23° 781	-56° 013	-2	...	...	†	20° 354	-26° 837	-5	...	...
...	27° 412	+31° 938	-2	...	...	†	23° 576	-39° 888	-4	...	...	†	20° 352	+35° 549	-4	...	...
...	27° 357	+4° 319	0.90	...	...	...	23° 508	+9° 775	0.90	50.10359	10.2	†	20° 283	-13° 259	-1	51.10575	10.2
66I	-27° 318	-0° 389	0.80	...	...	72I	-23° 440	-16° 488	-5	p	...	78I	-20° 031	-40° 001	-3	...	...
*	27° 286	+17° 806	0.95	50.10354	10.1	*	23° 432	-45° 523	1.00	51.10572	9.8	...	20° 017	+29° 861	-4	...	...
...	27° 253	-10° 593	-4	...	...	...	23° 321	+20° 411	-5	M	...	...	19° 960	-22° 641	-3	...	...
...	27° 202	+20° 571	-3	M	...	...	23° 289	-0° 192	-5	...	...	...	19° 959	+32° 080	-4	M	...
*	27° 087	-45° 251	1.20	51.10568	9.8	...	23° 246	-2° 427	-4	...	...	...	19° 951	-23° 139	-2	...	...
...	-27° 075	+57° 845	-5	M	...	...	-23° 205	-12° 883	-4	...	...	...	-19° 916	+45° 569	-3	...	...
...	27° 034	+48° 683	-5	M	...	...	23° 134	-14° 765	-4	...	...	...	19° 865	+49° 276	-3	B	...
*	26° 972	+51° 315	1.40	50.10356	9.7	...	22° 991	+41° 173	-5	M	...	...	19° 838	+59° 487	0.90	...	...
...	26° 882	+54° 181	-3	...	...	...	22° 888	-50° 112	-2	...	...	...	19° 834	-40° 891	-3	...	...
...	26° 829	+50° 071	-4	M	...	...	22° 810	+45° 453	-5	M	...	*	19° 705	+21° 480	1.60	50.10362	9.2
67I	-26° 748	+19° 022	0.75	...	...	73I	-22° 745	+14° 386	-4	...	...	79I	-19° 703	-42° 787	-4	...	...
...	26° 713	+57° 629	-5	M	...	...	22° 734	+58° 519	-4	...	...	...	19° 594	+53° 429	-3	...	...
...	26° 693	-16° 727	-3	...	...	...	22° 707	-8° 055	-5	p	...	...	19° 549	+41° 129	-3	...	...
...	26° 661	+46° 158	-5	M	...	...	22° 660	+30° 081	0.70	...	...	...	19° 532	-22° 989	-4	...	...
...	26° 640	-36° 444	-5	...	...	...	22° 522	-43° 785	-5	...	...	...	19° 529	+16° 579	-3	...	...
...	-26° 532	-10° 651	-2	...	...	...	-22° 515	-14° 632	-5	p	...	...	-19° 494	-33° 918	-3	...	...
...	26° 500	+4° 102	-3	...	...	...	22° 479	-3° 706	-4	...	...	...	19° 473	-34° 512	-4	...	...
...	26° 359	+37° 183	-5	M	...	...	22° 389	+34° 277	-3	...	...	...	19° 471	+49° 926	-3	...	...
...	26° 355	+35° 119	-4	...	...	...	22° 312	+17° 648	0.80	...	...	...	19° 465	+32° 446	-5	M	...
...	26° 220	+47° 132	-1	...	...	...	22° 227	-55° 244	-5	...	...	*	19° 395	+32° 792	1.40	50.10363	9.5
68I	-26° 174	-27° 115	-2	...	...	74I	-22° 091	+47° 847	0.70	...	...	80I	-19° 122	-53° 267	-3	...	...
...	26° 154	-52° 300	0.90	...	...	...	22° 088	+17° 494	-5	...	...	...	19° 100	-11° 024	-4	...	...
...	26° 123	-34° 024	-4	...	...	...	22° 085	+4° 828	-4	...	...	...	19° 012	-20° 836	-3	...	...
...	26° 029	+20° 397	-5	M	...	...	22° 043	+19° 164	-4	...	...	...	18° 958	+18° 087	-4	...	...
...	26° 022	+30° 826	-4	M	...	...	22° 032	+2° 648	-3	...	...	...	18° 938	+39° 246	-5	M	...
...	-25° 927	+6° 209	-3	...	...	...	-21° 976	+36° 503	-3	...	...	...	-18° 805	+5° 896	-5	M	...
...	25° 922	-20° 037	-3	...	...	...	21° 894	-9° 363	-4	...	...	...	18° 803	-59° 169	0.90	51.10577	10.0
...	25° 792	-51° 473	-3	...	...	...	21° 797	-13° 481	0.70	...	...	...	18° 778	+43° 541	-3	...	...
...	25° 578	+10° 299	-5	M	...	...	21° 788	+13° 639	-5	M	...	...	18° 765	+24° 375	-4	...	...
...	25° 530	+42° 891	-2	...	...	...	21° 718	-20° 330	-5	p	...	...	18° 765	+23° 365	-5	M	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
811-870						871-930						931-990					
81I	-18.741	+11.998	-5	M	...	87I	-15.814	-39.099	-5	p	...	93I	-12.206	+6.754	-5	M	...
...	18.629	+49.457	-3	...	...	...	15.785	-30.100	-3	...	...	...	12.157	-34.668	-4	...	...
...	18.612	-0.522	-3	...	...	†	15.705	+54.807	-1	...	...	†	12.010	+54.875	-5	M	...
...	18.597	+38.432	-4	...	...	...	15.670	+26.694	-3	...	...	...	11.994	-8.577	-4	...	...
...	18.588	+39.206	0.90	50.10364	10.2	*	15.649	-24.601	3.00	51.10581	8.4	...	11.910	-0.690	-5	p	...
...	-18.587	+44.332	-4	M	...	*	-15.409	+13.825	0.95	50.10369	10.1	...	-11.902	+52.645	-5	M	...
...	18.502	+2.849	-5	M	...	...	15.238	+11.004	-4	...	...	...	11.886	+9.779	-4	...	...
...	18.446	-23.642	-5	p	...	...	15.217	-54.592	-5	p	...	...	11.877	+19.544	0.70	...	...
...	18.427	-13.802	-5	...	...	...	14.956	-24.294	-5	...	...	...	11.860	-45.076	-4	...	...
...	18.411	+31.064	-5	M	...	...	14.937	+46.756	-5	M	...	...	11.857	-26.008	-4	...	...
82I	-18.398	+55.899	-3	...	...	88I	-14.873	+12.733	-5	...	...	94I	-11.848	-3.767	-5	...	...
...	18.392	+0.794	-3	...	...	...	14.817	+29.633	-5	M	...	...	11.729	-59.609	-5	...	...
...	18.391	+20.707	-5	M	...	*	14.777	+1.007	1.20	50.10370	9.6	*	11.727	-40.783	1.00	51.10584	9.8
*	18.374	-57.516	1.20	51.10578	9.4	...	14.763	+55.495	-5	...	...	...	11.518	+19.715	-5	M	...
...	18.347	+3.988	-3	...	...	...	14.712	+40.727	-5	M	...	...	11.515	+37.669	-4	...	...
...	-18.203	+42.877	-2	...	...	...	-14.711	+36.174	-5	M	...	...	-11.482	-40.427	0.90	51.10585	10.2
...	18.102	-37.050	-4	...	...	...	14.389	+7.452	-5	M	...	...	11.460	+31.532	-4	M	...
...	18.066	+14.082	-4	...	...	...	14.385	-46.221	-4	...	...	...	11.441	+34.413	-5	M	...
...	18.058	+49.467	-5	M	...	...	14.385	-47.127	-5	...	...	...	11.416	+32.555	0.80	...	...
...	17.982	+51.311	-4	M	...	...	14.382	-38.558	-5	...	...	...	11.325	+18.705	0.80	...	...
83I	-17.980	-9.794	-4	...	...	89I	-14.358	+51.838	-5	M	...	95I	-11.242	+21.187	-5	M	...
...	17.902	+22.011	0.85	...	...	...	14.293	+19.366	-3	...	...	...	11.226	+38.869	-5	M	...
...	17.892	-44.664	-5	p	...	*	14.239	+57.173	1.40	50.10371	9.2	...	11.184	-49.469	-2	...	...
*	17.851	+13.016	1.00	50.10365	10.1	†	14.221	+29.951	-5	...	...	...	11.183	-19.579	-4	...	...
...	17.797	+21.204	-4	...	...	...	14.092	-51.260	-5	p	...	...	11.181	-11.629	-5	p	...
*	-17.659	-38.889	1.50	51.10579	9.0	...	-14.088	-22.511	-3	...	...	...	-11.155	+14.851	-5	...	...
...	17.646	-3.828	-2	...	...	...	13.987	+27.047	-5	M	...	...	11.127	-28.834	0.65	...	...
...	17.612	+0.116	-5	M	...	...	13.898	+51.626	1.00	50.10373	10.2	...	11.056	+45.911	-4	M	...
...	17.475	-56.630	-5	p	...	...	13.879	-58.269	-4	...	...	*	11.017	-2.084	1.10	51.10588	9.6
...	17.230	-20.771	-4	...	...	...	13.810	-39.211	-2	...	...	*	10.986	-46.720	1.30	51.10586	9.2
84I	-17.177	+24.969	-1	...	...	90I	-13.805	+42.825	-5	M	...	96I	-10.946	+43.578	-5	M	...
†	17.131	+42.479	0.90	50.10366	10.2	*	13.770	+17.634	1.70	50.10372	9.1	...	10.916	-38.803	-5	p	...
...	17.096	-16.977	-4	...	...	...	13.582	+54.665	-5	M	...	...	10.840	-48.634	-5	p	...
...	17.086	+15.241	-3	...	...	*	13.559	-52.810	1.20	51.10582	9.4	*	10.838	-40.942	0.95	51.10587	10.2
...	16.972	+56.670	-4	M	...	...	13.555	-41.971	-4	...	...	...	10.825	-17.674	1.00	51.10589	9.8
...	-16.953	+57.199	-4	M	...	...	-13.481	-38.091	-4	...	...	...	-10.792	+35.113	0.80	...	...
...	16.818	+47.479	-4	M	...	...	13.397	+11.880	-4	M	...	...	10.598	-44.561	0.90	...	...
...	16.807	+25.202	-3	...	...	...	13.354	+35.710	-2	...	...	...	10.569	-11.321	-4	...	...
S *	16.748	-43.795	1.50	51.10580	9.0	...	13.351	+56.357	-4	...	...	...	10.567	+59.392	-5	M	...
...	16.723	-19.730	-3	...	...	*	13.307	+13.635	1.00	50.10374	10.1	...	10.518	-23.619	-5	...	...
85I	-16.674	+13.945	-3	...	...	91I	-13.238	-22.889	-3	...	...	97I	-10.484	-22.833	-5	...	...
...	16.641	-35.051	-3	...	...	...	13.221	-4.030	-5	...	...	...	10.210	-0.396	-5	...	...
...	16.596	-38.497	-4	...	...	...	13.193	+41.442	-5	M	...	...	10.152	+18.729	-5	M	...
...	16.560	-52.302	-4	...	...	...	12.991	-11.365	-3	...	...	...	10.145	+25.916	-5	...	...
...	16.526	+53.976	0.85	...	...	...	12.928	-17.730	-5	...	...	†	10.109	-34.952	0.90	51.10590	10.0
...	-16.472	+8.754	-5	M	...	...	-12.901	+30.653	-5	M	...	*	-10.108	-19.232	1.00	51.10591	9.6
...	16.451	+13.977	-4	...	...	...	12.802	+44.083	-4	M	...	...	9.960	-9.860	0.95	...	...
...	16.404	-10.556	-4	...	...	...	12.783	-10.481	-3	...	...	...	9.913	+12.463	-2	...	...
...	16.386	+7.744	-4	M	...	...	12.780	+18.815	-5	...	...	...	9.875	+33.497	-3	...	...
...	16.242	+28.930	-2	...	...	...	12.731	+52.672	-5	M	...	...	9.735	+32.515	-2	...	...
86I	-16.194	+25.756	-5	M	...	92I	-12.693	-16.785	-5	p	...	98I	-9.728	-20.850	-5	...	...
...	16.138	-55.473	-5	p	...	...	12.689	-24.231	-5	...	...	...	9.722	-52.633	0.80	...	...
...	16.091	+59.073	-4	...	...	...	12.633	-21.447	0.65	51.10583	10.2	†	9.581	-24.876	-3	...	...
...	16.031	+20.915	-5	M	...	...	12.607	+33.759	-2	...	...	...	9.561	-38.834	-4	...	...
...	16.017	-58.689	-2	...	...	...	12.566	+18.380	-3	...	...	...	9.558	+57.857	-3	...	...
*	-15.884	+37.163	1.80	50.10368	9.0	...	-12.549	+26.608	-4	...	...	...	-9.492	+59.700	-3	...	...
...	15.848	+16.254	0.85	50.10367	10.2	...	12.477	+7.737	-4	M	...	...	9.417	-1.832	-5	...	...
...	15.846	-2.758	-3	...	...	...	12.439	+42.247	-4	...	...	...	9.394	+58.416	-2	...	...
...	15.843	-14.006	-5	p	...	...	12.335	-9.815	-5	...	...	...	9.355	-47.500	-5	...	...
...	15.817	-46.888	-3	...	...	...	12.290	+15.875	-5	M	...	...	9.166	-30.705	-3	...	...

Co-ordinates.						Diam.	C.P.D.		Co-ordinates.						Diam.	C.P.D.	
Notes.	x.	y.	-2.	No.	Mag.	Notes.	x.	y.	-2.	No.	Mag.	Notes.	x.	y.	-2.	No.	Mag.
991-1050						1051-1110						1111-1170					
99I	-9.143	-2.690	-4	...	...	105I	-5.159	+6.058	-1	...	...	111I	-1.905	+15.020	-4	...	...
†	9.013	-39.918	-4	...	...	...	5.055	-34.493	-5	...	...	†	1.890	-26.412	0.90	51.10601	10.2
...	8.794	-1.569	-1	51.10592	10.1	S *	5.025	+35.039	1.30	50.10378	9.3	...	1.775	-56.857	-4	...	...
...	8.659	+42.619	-4	...	...	...	5.014	+55.300	-5	...	...	...	1.702	-0.172	0.65	50.10382	10.2
...	8.638	+12.469	-3	...	...	...	4.998	-39.712	-5	...	...	...	1.677	+42.296	-5	Mm	...
...	-8.559	+32.876	-5	M	...	...	-4.814	+41.389	-5	M	...	...	-1.643	+51.622	-5	m	...
...	8.480	-16.401	-5	...	...	...	4.802	-47.221	-4	...	...	...	1.607	+55.291	-3	...	...
...	8.455	+23.033	-4	...	...	...	4.798	+37.627	1.30	50.10379	9.5	...	1.553	+15.368	-4	Mm	...
...	8.331	+51.805	-4	...	...	...	4.743	-50.754	-4	...	...	...	1.549	-6.413	-5	...	...
...	8.318	-39.535	-2	...	...	...	4.719	-50.692	-3	...	...	...	1.502	+53.228	-4	Mm	...
100I	-8.315	+59.300	-5	M	...	106I	-4.705	-32.890	-5	...	...	112I	-1.454	+38.292	-2	...	...
...	8.152	-51.057	0.90	...	...	...	4.655	+5.938	-4	...	...	...	1.452	-51.611	-3	...	...
...	8.128	+54.443	-5	M	...	...	4.631	+56.193	-4	...	...	...	1.415	+32.452	-5	m	...
...	8.096	+13.325	0.90	...	...	...	4.505	-55.402	1.00	51.10596	10.0	...	1.272	-44.389	-5	...	...
*	8.012	-20.776	1.00	51.10594	10.2	...	4.453	+47.280	0.90	...	...	...	1.045	-39.239	-5	...	...
...	-7.957	-26.955	1.00	51.10593	10.2	...	-4.389	-58.198	-5	...	...	...	-0.976	-2.996	-5	...	...
...	7.917	-33.393	-5	...	...	...	4.319	+34.707	1.00	50.10380	9.8	...	0.954	+37.060	-5	Mm	...
...	7.890	-14.582	-4	...	...	...	4.293	+36.727	-3	...	...	...	0.880	-3.490	-5	...	...
...	7.889	+21.723	-4	...	...	...	4.277	-52.046	-3	...	...	...	0.876	+47.943	-5	Mm	...
...	7.760	+13.029	-5	...	...	...	4.222	+14.707	-5	M	...	...	0.833	+13.596	1.00	50.10383	10.1
101I	-7.756	-34.248	-5	...	...	107I	-4.039	-51.341	-1	...	...	113I	-0.831	+13.787	-3	...	...
...	7.653	+48.130	0.95	50.10376	10.2	...	3.919	-43.849	-5	...	...	...	0.744	+20.552	-5	Mm	...
...	7.645	-6.895	-5	p	...	...	3.914	-52.486	-3	...	...	*	0.744	-49.148	1.00	51.10602	10.2
...	7.641	+27.021	-1	50.10375	10.1	...	3.892	+51.609	-4	M	...	...	0.716	+19.189	-3	...	...
...	7.639	-35.943	-5	...	...	...	3.881	+1.499	-4	...	...	...	0.696	-11.534	-3	...	...
...	-7.593	-21.456	-5	...	...	...	-3.819	-26.016	-5	...	...	...	-0.688	+24.426	-3	...	...
...	7.445	-32.567	-2	...	...	...	3.785	+55.807	-4	...	...	...	0.671	+17.528	-4	...	...
...	7.441	+30.221	-5	...	...	...	3.556	-49.080	1.00	51.10597	9.8	...	0.615	-1.323	-4	...	...
...	7.323	+58.672	-3	...	...	...	3.552	-7.171	-1	51.10598	10.2	...	0.556	-12.426	-5	...	...
...	7.303	-48.019	0.75	...	...	...	3.396	+47.096	-1	...	...	...	0.548	+26.235	-5	Mm	...
102I	-7.244	+47.730	-5	M	...	108I	-3.272	-22.348	-5	p	...	114I	-0.520	+55.412	0.90	...	...
...	7.207	-25.139	-4	...	...	...	3.153	+29.496	-5	M	...	...	0.465	+51.357	-4	...	...
...	7.145	-55.278	-3	...	...	...	2.995	-39.159	-4	...	...	...	0.463	-31.570	-5	p	...
...	7.131	-7.188	-5	...	...	...	2.946	+9.497	-5	M	...	†	0.429	+48.479	-5	Mm	...
*	6.890	+7.339	1.25	50.10377	9.3	...	2.921	+40.038	-5	M	...	†	0.400	+30.816	0.95	50.10384	9.9
...	-6.870	+26.866	-2	...	...	...	-2.899	+18.099	-5	M	...	...	-0.396	+14.656	-5	...	...
...	6.833	+33.278	-5	...	...	...	2.882	-51.845	-4	...	...	...	0.234	-3.836	-5	...	...
...	6.494	+26.447	-5	...	...	...	2.850	+57.851	-5	M	...	...	0.196	-52.026	-5	...	...
...	6.448	+12.191	0.95	...	...	...	2.712	+59.401	-5	M	...	...	0.100	+36.491	-5	m	...
...	6.436	+31.153	-5	M	...	...	2.685	-17.288	1.00	51.10599	10.0	...	0.032	+22.151	-4	...	...
103I	-6.301	-18.892	-5	...	...	109I	-2.612	+44.685	1.00	50.10381	9.8	115I	-0.030	+41.134	0.75	...	...
...	6.182	+13.472	-5	M	...	...	2.596	+18.677	-5	Mm	...	...	-0.022	-56.598	0.90	...	...
...	6.131	-22.171	0.75	...	...	...	2.544	+16.509	-5	Mm	...	...	+0.293	+55.365	-2	...	...
...	5.972	+36.582	-5	M	...	...	2.538	+53.521	-4	...	...	...	0.377	+3.388	-5	Mm	...
...	5.740	+45.431	0.75	...	...	...	2.514	+45.273	-3	...	...	...	0.443	-18.048	-5	...	...
...	-5.701	+31.746	-5	...	...	...	-2.501	+57.860	-5	M	...	...	+0.635	+38.418	0.80	...	...
...	5.678	+4.066	0.95	...	...	...	2.422	-28.097	-5	...	...	...	0.664	-32.612	-2	...	...
...	5.641	+40.006	0.65	...	...	...	2.202	-3.468	-4	...	...	...	0.685	-33.210	-3	...	...
...	5.610	+15.813	-3	...	...	...	2.186	+13.184	-4	...	...	...	0.756	+23.048	-4	...	...
...	5.531	-49.083	-4	...	...	...	2.172	+45.210	-5	m	...	...	0.830	-29.502	0.75	51.10603	10.2
104I	-5.490	+34.949	0.75	...	...	110I	-2.139	+39.818	-2	...	...	116I	+0.986	-29.459	-3	...	...
†	5.476	+2.785	-4	...	...	...	2.132	-10.501	-3	...	...	...	1.016	+47.576	-5	Mm	...
...	5.475	+36.260	-5	M	...	...	2.107	+18.606	-4	...	...	...	1.086	-19.060	-5	...	...
...	5.432	+29.717	-5	...	...	...	2.089	-24.922	-4	...	...	...	1.139	+17.219	-4	...	...
†	5.428	-33.585	0.90	51.10595	10.2	...	2.024	-45.164	0.90	51.10600	10.2	*	1.164	-41.803	1.00	51.10604	9.8
†	-5.425	+8.721	-3	...	...	...	-2.019	-25.467	-5	p	...	...	+1.235	-8.191	-2	...	...
†	5.331	+44.476	-3	...	...	...	2.016	+25.752	-5	m	...	*	1.323	+15.713	1.60	50.10385	9.0
...	5.224	-35.271	-1	...	...	...	1.986	+53.267	-5	...	...	...	1.371	-9.710	-5	...	...
...	5.217	+20.374	-5	...	...	...	1.935	-16.181	-1	...	...	...	1.394	+34.579	-5	m	...
...	5.190	-23.717	-3	...	...	...	1.926	+59.485	-5	Mm	...	...	1.410	+4.306	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.							
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.						
1171-1230						1231-1290						1291-1350											
I17I	+	1.437	-48.576	0.80	...	I23I	+	5.828	+21.307	-5	m	I29I	+	8.541	-6.128	-5	p						
...	...	1.444	-54.003	-3	...	...	...	5.926	+35.298	-5	m	...	...	8.544	-5.984	-5	p						
...	...	1.468	+10.238	-3	...	...	...	5.951	-2.539	-3	...	...	...	8.599	+19.673	-4	...						
...	...	1.659	+20.578	-3	...	...	...	5.978	-12.206	-5	p	...	...	8.605	-32.200	-2	...						
...	...	1.719	-14.150	-2	...	...	...	5.985	-17.068	-5	...	...	...	8.717	-48.792	-4	...						
...	+	1.735	+54.267	0.95	50.10388	I0.2	*	+	6.100	-0.312	I.60	50.10395	9.2	...	+	8.924	-41.458	-5	...				
...	...	1.789	+36.234	0.95	50.10386	I0.1	...	...	6.118	+11.628	-5	m	...	...	9.022	+44.009	-5	m					
...	...	1.847	+36.742	0.85	50.10387	I0.2	*	...	6.132	+54.169	I.00	50.10396	I0.2	...	...	9.088	+41.993	-4	...				
...	*	1.959	+56.635	0.95	50.10389	I0.1	...	...	6.150	-32.808	-5	p	...	*	9.156	+27.220	I.15	50.10401	9.6				
...	...	2.152	-42.000	-4	...	...	*	...	6.189	+46.607	I.40	50.10397	9.1	...	...	9.233	-0.126	0.65	50.10402	I0.2			
I18I	...	+	2.184	-2.534	-5	p	I24I	...	+	6.271	-34.059	-5	...	I30I	...	+	9.274	-31.732	-4	...			
...	...	2.322	-41.905	-5	p	...	...	...	6.442	+17.856	-5	m	...	...	9.279	+35.230	0.90	...	...	...			
...	...	2.323	+45.773	-5	m	...	...	...	6.460	-50.675	0.90	51.10608	I0.2	...	...	9.345	+30.049	-5	m	...	...		
...	...	2.452	-1.824	-5	...	...	...	...	6.484	-55.821	-2	...	...	...	9.439	+59.012	-3	...	...	...			
...	...	2.490	-49.612	-5	...	...	...	...	6.541	-51.908	-3	...	...	*	9.489	+50.945	I.00	50.10403	9.8	...			
...	+	2.624	+15.078	0.70	...	...	...	+	6.543	-23.561	-3	...	...	†	+	9.490	+15.420	I.60	50.10404	9.2	...		
...	...	2.641	+50.605	I.00	50.10390	I0.1	...	...	6.791	-41.456	0.70	...	...	†	...	9.553	-13.188	-5	...	...	...		
...	...	2.924	-25.458	0.80	...	...	...	...	6.842	+33.340	-5	m	...	...	...	9.558	-14.848	-5	...	...	...		
...	...	3.025	+8.139	-5	...	...	...	...	6.849	-42.974	-5	...	...	...	...	9.746	+0.813	0.90	50.10405	I0.2	...		
...	...	3.038	+21.130	-4	...	...	...	...	6.955	-18.375	-4	...	...	...	...	9.748	+10.247	-5	m	...	...		
I19I	...	+	3.077	-41.753	-4	...	I25I	...	+	6.961	+6.991	0.75	...	I31I	...	+	9.780	+58.865	-5	m	...	...	
...	†	3.096	-39.910	-5	...	...	...	...	6.978	-45.207	-3	...	...	...	...	9.864	-34.722	-5	...	...	...		
...	...	3.128	+39.823	-3	...	...	...	...	6.991	-53.776	-4	...	...	*	...	9.918	+52.359	I.15	50.10406	9.8	...		
...	...	3.169	-38.244	-3	...	...	...	...	7.003	-53.521	-5	p	...	...	...	9.946	-54.611	I.00	51.10613	I0.2	...		
...	...	3.178	-2.122	-5	...	...	...	...	7.029	-43.851	-5	...	...	...	...	10.034	+17.200	-5	...	...	...		
...	*	+	3.305	-1.166	I.20	51.10605	9.6	...	+	7.053	+22.214	-5	m	...	...	+	10.057	-3.623	-5	p	...	...	
...	...	3.330	+43.850	-5	m	...	...	...	7.088	-35.558	-3	...	...	...	...	10.085	+2.802	I.00	50.10407	I0.0	...		
...	...	3.334	+47.934	-5	m	...	...	...	7.133	-35.875	-4	...	...	...	...	10.239	-30.883	0.90	51.10614	I0.2	...		
...	...	3.365	-43.374	-4	...	...	*	...	7.189	-6.092	I.00	51.10609	9.8	...	...	10.240	-59.630	-2	...	...	...		
...	...	3.443	-32.240	-5	...	...	...	...	7.255	-9.879	-4	...	...	...	...	10.293	+13.989	-5	m	...	...		
I20I	...	+	3.454	+32.996	-4	...	I26I	...	+	7.281	+38.978	-5	m	I32I	...	+	10.398	+25.946	0.75	...	...	...	
...	...	3.553	+56.840	-2	...	...	*	...	7.316	-49.110	I.00	51.10610	9.8	...	...	10.431	-46.893	-5	...	...	...		
...	...	3.572	+17.602	-2	...	...	...	...	7.359	+14.543	0.75	50.10398	I0.2	...	...	10.517	-49.488	-5	p	...	...		
...	...	3.632	+43.864	-2	...	...	...	...	7.380	+55.257	-3	...	...	...	...	10.550	-18.219	-5	...	...	...		
...	...	3.685	-47.174	-4	...	...	†	...	7.434	-34.891	-4	...	...	*	...	10.704	+51.323	I.00	50.10408	9.8	...		
...	+	3.915	-40.548	-4	...	...	...	+	7.525	+9.629	-5	m	...	...	...	+	10.742	+11.346	-2	...	...	...	
...	*	3.936	+44.680	2.00	50.10391	8.8	...	...	7.671	-53.090	0.70	...	...	...	...	10.759	+38.811	-5	m	...	...		
...	...	3.975	-30.274	-2	...	...	...	...	7.679	+2.269	0.75	...	...	...	...	10.855	+53.534	-5	...	...	...		
S *	...	4.158	-5.167	2.20	51.10606	8.6	...	...	7.712	+37.849	-4	m	...	...	...	10.982	+41.140	-5	m	...	...		
...	...	4.179	+54.496	-5	m	...	...	...	7.799	-50.523	-4	...	...	...	...	11.085	+30.061	-5	m	...	...		
I21I	...	+	4.208	+29.351	-2	...	I27I	...	+	7.804	-23.998	I.05	51.10611	9.6	I33I	...	+	11.208	-45.842	-5	p	...	...
...	...	4.221	+39.123	0.90	50.10392	I0.2	...	...	7.922	+59.441	-4	...	...	S *	...	11.260	+44.418	2.05	50.10409	8.6	...		
...	...	4.278	-15.845	-5	p	...	...	...	7.942	+9.025	-5	m	...	*	...	11.401	-39.631	I.45	51.10615	9.0	...		
...	...	4.419	-23.198	-5	...	...	...	...	7.959	-50.817	-3	...	...	...	...	11.430	+19.266	0.85	...	...	...		
...	...	4.443	-24.499	-5	...	...	*	...	8.018	+38.395	I.50	50.10399	9.2	...	...	11.434	-7.504	-5	...	...	...		
...	+	4.789	+35.752	0.70	...	...	...	+	8.031	+21.952	-3	...	...	...	...	+	11.477	+12.168	-4	...	...	...	
...	...	4.883	-16.002	-5	...	...	...	...	8.108	-35.014	0.70	...	...	*	...	11.684	-22.011	I.30	51.10616	9.2	...		
...	...	5.097	+45.610	-2	...	...	...	...	8.144	+47.591	-5	m	...	...	...	11.726	-16.207	-5	...	...	...		
...	...	5.124	-21.337	-2	...	...	...	...	8.160	-16.391	-4	...	...	...	...	11.899	+23.061	-2	...	...	...		
...	...	5.185	-2.547	-3	...	...	*	...	8.172	+50.560	I.00	50.10400	I0.0	...	...	11.962	+30.826	-5	m	...	...		
I22I	...	+	5.231	+41.843	-5	m	I28I	...	+	8.221	-3.176	I.00	51.10612	9.8	I34I	...	+	12.006	+48.411	-3	...	...	...
...	...	5.276	-26.738	-4	...	...	...	...	8.293	-16.094	-5	...	...	...	...	12.157	+5.974	-2	...	...	...		
...	*	5.292	+12.977	I.20	50.10393	9.5	...	...	8.372	-35.436	-4	...	...	...	...	12.181	+24.381	-5	...	...	...		
...	...	5.316	-48.859	-5	...	...	...	...	8.386	-54.631	-5	...	...	...	...	12.195	+41.684	0.70	...	...	...		
...	...	5.363	-44.788	-5	...	...	...	...	8.396	+2.949	-5	m	...	...	...	12.237	+49.192	-5	m	...	...		
...	+	5.449	+8.285	-5	m	...	...	+	8.402	+50.625	-5	m	...	...	...	+	12.265	-32.334	-5	...	...	...	
...	...	5.493	+42.868	-5	m	...	...	...	8.455	+11.387	-5	m	...	...	...	12.321	+53.143	-5	m	...	...		
...	...	5.499	-6.007	-5	p	...	...	...	8.460	+29.655	-5	m	...	...	...	12.335	+4.021	-1	...	...	...		
...	...	5.542	-47.421	-5	...	...	...	...	8.478	-40.844	-5	p	...	...	...	12.353	+4.289	-5	...	...	...		
...	...	5.563	+46.960	0.95	50.10394	I0.2	...	...	8.539	+29.457	-5	m	...	*	...	12.705	-38.527	0.95	51.10617	9.8	...		

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1351-1410						1411-1470						1471-1530					
I35I	+12°793	+44°003	-5	m	...	I41I	+16°213	+18°512	-4	m	...	I47I	+19°662	+43°439	-5	m	...
...	I2°870	-19°039	-5	...	...	...	I6°217	-49°054	-5	...	...	...	I9°724	-14°404	I°00	51.I0628	I0°2
...	I2°932	-10°769	-5	...	...	...	I6°218	+45°985	-5	m	...	...	I9°820	-48°916	-2	...	...
...	I2°946	-58°414	-2	...	...	...	I6°219	+38°905	-5	m	...	...	I9°847	+40°408	-5	m	...
...	I3°090	-47°766	0°95	...	...	*	I6°232	-17°695	0°95	51.I0623	9°8	...	I9°879	-38°169	0°85	...	...
...	+13°169	-11°360	-5	...	...	...	+16°262	+18°358	-3	...	...	...	+19°939	+23°665	-5	m	...
...	I3°219	+39°646	-5	m	...	...	I6°298	+15°846	-4	m	...	...	20°012	+47°101	-3	...	...
...	I3°219	-8°526	-5	...	...	...	I6°368	+9°375	-5	m	...	...	20°018	-41°805	-5	...	...
...	I3°234	-24°678	I°00	51.I0618	I0°0	...	I6°426	+42°984	-5	m	...	...	20°022	-19°583	-4	...	...
...	I3°255	+35°934	-5	m	...	...	I6°443	+32°048	-3	...	...	...	20°035	-38°607	0°90	...	...
I36I	+13°333	+55°672	I°30	50.I0410	9°6	I42I	+16°462	-22°853	-5	...	...	I48I	+20°083	-55°497	-5	...	...
*	I3°401	-57°258	-5	...	...	*	I6°464	+20°859	I°15	50.I0416	9°8	...	20°143	-32°980	-5	p	...
...	I3°464	+42°793	-5	m	...	*	I6°499	-26°266	I°00	51.I0624	9°8	...	20°288	+49°651	-5	m	...
...	I3°475	+17°331	-4	...	...	...	I6°606	-28°162	-5	p	...	...	20°509	+32°400	-3	...	...
...	I3°650	-28°902	0°80	51.I0619	I0°2	...	I6°789	-32°848	-4	p	...	...	20°513	-54°741	-5	...	...
...	+13°652	-36°330	-5	...	...	†	+16°850	+54°889	I°30	50.I0417	9°2	...	+20°559	-25°837	I°00	51.I0629	9°8
...	I3°687	+56°865	-4	...	...	...	I6°960	-39°779	-2	...	...	...	20°562	-23°573	-3	...	...
...	I3°759	+42°475	-5	m	...	...	I7°001	-29°095	-3	...	...	...	20°650	+50°086	-5	m	...
*	I3°765	-12°048	I°20	51.I0620	9°6	...	I7°135	+10°094	0°80	...	...	...	20°666	+47°924	-5	m	...
...	I3°779	-22°219	-5	...	...	...	I7°181	-21°942	-5	...	...	...	20°669	-36°598	-2	...	...
I37I	+13°796	-3°715	-5	p	...	I43I	+17°188	+21°487	-4	...	...	I49I	+20°769	-30°541	-2	...	...
...	I3°963	+41°248	-5	m	...	...	I7°243	-45°790	-5	...	...	...	20°822	-57°520	-5	...	...
...	I4°005	+37°281	-4	m	...	...	I7°292	-2°380	-5	...	...	...	20°888	+45°542	0°70	...	...
*	I4°048	+18°431	I°00	50.I0411	9°9	...	I7°492	+39°720	-5	m	...	...	20°934	+8°100	-5	...	...
...	I4°065	+53°892	-4	...	...	*	I7°555	-5°383	I°10	51.I0625	9°8	...	20°971	+53°380	-5	m	...
...	+14°162	+40°432	-3	b	...	...	+17°644	-19°558	-5	p	...	...	+21°036	+36°152	0°90	...	...
...	I4°169	+22°557	-3	...	...	...	I7°652	-20°158	-4	...	...	...	21°068	+15°877	0°90	...	...
†	I4°178	+49°836	I°00	50.I0412	9°8	...	I7°725	-55°580	-5	...	...	*	21°321	+46°409	I°00	50.I0420	9°6
...	I4°212	+46°578	-5	m	...	...	I7°752	-31°702	-5	...	...	...	21°342	-57°362	-5	...	...
...	I4°244	-29°632	-5	...	...	...	I7°869	-6°308	-4	...	...	†	21°392	-34°844	-5	...	...
I38I	+14°256	+42°306	-5	m	...	I44I	+17°906	-8°402	-4	...	...	I50I	+21°559	+51°422	-2	...	...
...	I4°305	+41°280	-2	...	...	...	I7°908	+48°867	-3	...	...	...	21°560	-31°896	-3	...	...
...	I4°336	+36°535	-2	...	...	...	I7°986	+42°502	-5	m	...	*	21°569	-47°180	I°15	51.I0630	9°2
...	I4°365	+28°342	-4	...	...	...	I8°008	-3°446	-5	...	...	...	21°762	-17°011	-5	...	...
...	I4°458	+56°229	-4	...	...	...	I8°061	-12°968	-2	...	...	...	21°823	-16°034	-5	...	...
...	+14°459	+48°643	-2	...	...	...	+18°071	-44°778	-5	...	...	...	+21°831	+30°720	-5	m	...
...	I4°481	-9°597	-2	...	...	...	I8°160	+57°470	-5	m	...	...	21°888	+58°631	-5	m	...
†	I4°572	-24°906	0°70	51.I0621	I0°0	...	I8°219	+23°339	-5	m	...	...	21°929	-31°637	-5	...	...
...	I4°766	-7°140	-5	p	...	...	I8°256	+43°808	-5	m	...	...	21°947	-1°444	-5	...	...
...	I4°889	+4°004	-4	...	...	...	I8°285	-42°361	-4	...	...	*	21°977	+55°571	I°20	50.I0421	9°3
I39I	+14°892	-12°144	I°40	51.I0622	9°2	I45I	+18°359	+1°356	-5	m	...	I51I	+22°000	-41°262	3°20	51.I0631	8°0
*	I5°042	+1°681	0°90	...	...	...	I8°376	-8°058	0°95	51.I0626	I0°2	S *	22°088	+58°616	-5	...	...
...	I5°070	+13°866	-5	m	...	...	I8°413	-50°365	I°00	51.I0627	I0°0	...	22°109	+42°553	-5	m	...
...	I5°123	+39°469	-5	m	...	...	I8°454	-0°657	-5	...	...	...	22°123	+30°875	-5	m	...
*	I5°197	+49°940	I°00	50.I0413	9°8	...	I8°581	+23°504	-4	...	...	...	22°142	-1°774	-5	...	...
...	+15°242	+21°723	-4	...	...	...	+18°615	+58°272	-5	m	...	*	+22°155	+51°397	I°20	50.I0422	9°3
...	I5°244	+11°971	0°90	...	...	...	I8°768	+41°026	-3	...	...	...	22°203	+4°369	-3	...	...
...	I5°277	-7°487	-5	...	...	...	I8°781	-11°014	-4	...	...	...	22°212	-40°389	-5	...	...
...	I5°298	+25°140	-5	m	...	...	I8°845	+50°104	0°75	...	...	*	22°310	-26°528	0°95	51.I0632	I0°0
...	I5°312	+45°049	-4	...	...	...	I9°015	-25°095	-4	...	...	...	22°347	+18°542	-5	m	...
I40I	+15°317	-31°557	-5	...	...	I46I	+19°088	+22°563	-1	...	...	I52I	+22°388	+35°972	0°75	...	...
...	I5°518	+40°739	-5	m	...	...	I9°100	-1°709	-5	...	...	...	22°400	-0°992	-3	...	...
...	I5°528	+37°774	-5	m	...	...	I9°164	-34°000	-3	...	...	...	22°403	+58°000	-4	...	...
...	I5°555	-3°282	-3	...	...	*	I9°187	+54°250	I°20	50.I0418	9°4	...	22°441	-23°022	-5	...	...
*	I5°645	+31°699	I°00	50.I0414	I0°0	...	I9°280	-29°309	-5	p	...	...	22°476	-10°154	-5	...	...
*	+15°825	+38°885	I°50	50.I0415	9°2	...	+19°299	+24°171	0°80	...	...	...	+22°483	-33°939	-5	...	...
...	I5°839	+20°420	-4	...	...	†	I9°325	+49°822	I°60	50.I0419	9°1	...	22°494	+32°363	0°90	50.I0424	I0°2
...	I5°920	+36°755	-3	a	...	...	I9°390	+31°280	0°75	...	...	*	22°574	+18°670	I°00	50.I0423	9°8
...	I6°105	+37°171	-4	...	...	...	I9°471	+33°997	-4	m	...	...	22°654	+28°468	-4	...	...
...	I6°193	+37°664	-2	...	...	†	I9°562	+37°336	-3	...	...	...	22°763	+46°279	-5	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1531-1590						1591-1650						1651-1710					
I53I	...	...	...	...	...	I59I	...	...	...	...	...	I65I	...	...	...	...	...
...	+22'860	+31'572	-5	m	...	...	+26'118	-36'752	-5	p	...	...	†	+29'546	+26'456	-4	...
...	22'881	-12'124	-5	...	...	...	26'188	+33'719	-3	b	...	...	†	29'607	+44'230	0'90	50.I0438
...	22'990	-51'298	-5	...	...	...	26'352	+25'028	-4	m	...	...	...	29'680	-42'953	-2	...
...	23'048	-40'171	-5	p	...	...	26'357	+29'158	1'00	50.I0435	10'0	...	...	29'702	+53'123	-5	m
...	23'068	+26'694	-4	...	...	...	26'392	+44'676	-5	m	...	...	...	29'717	+43'010	-5	m
...	+23'150	+21'638	0'70	...	...	...	+26'578	+39'019	-4	...	...	...	...	+29'830	+41'106	-5	m
...	23'195	+35'129	0'75	...	...	...	26'617	-1'892	-5	p	...	...	*	29'852	+45'361	1'25	50.I0440
...	23'212	+38'750	-5	m	...	...	26'635	+41'852	-5	m	...	...	...	29'907	+37'363	-5	m
...	23'279	-15'331	-5	...	...	...	26'672	-33'450	0'70	...	...	...	...	29'942	+56'345	-1	...
*	23'328	+10'167	2'40	50.I0425	8'5	...	26'744	-16'233	-5	...	...	...	...	30'029	+2'392	-5	m
I54I	...	...	...	...	...	I60I	...	...	...	...	...	I66I	...	...	...	...	...
...	+23'420	-15'372	-5	...	...	...	+26'820	-6'508	0'80	51.I0637	10'2	...	...	+30'124	+0'381	-5	m
...	23'476	+24'177	0'95	50.I0426	10'0	...	26'895	+14'355	0'65	...	...	...	...	30'190	-29'494	-5	...
...	23'567	-8'929	-5	...	...	...	26'946	-53'472	-5	p	...	...	...	30'201	+14'912	-4	m
...	23'675	+48'055	-3	b	...	...	26'949	+24'549	-5	m	...	...	...	30'234	-9'821	-4	...
...	23'706	+18'455	-5	m	...	...	27'007	-33'350	-3	...	...	...	...	30'316	-51'363	0'80	...
*	+23'713	-37'699	1'00	51.I0633	9'8	...	+27'018	+56'675	-5	m	...	...	...	+30'346	+49'718	-5	m
...	23'786	+39'367	-3	a	...	...	27'055	-24'117	-4	...	...	...	†	30'370	-19'997	0'70	...
...	23'790	+29'054	-1	...	...	...	27'078	+47'561	-5	m	...	...	*	30'440	+11'639	3'00	50.I0441
...	23'887	+13'753	-5	m	...	...	27'183	-0'136	0'65	...	...	...	...	30'646	-51'183	-3	...
...	23'889	-47'787	0'85	...	...	...	27'390	+51'926	-5	m	...	...	...	30'660	+13'664	0'75	...
I55I	...	...	...	...	...	I61I	...	...	...	...	...	I67I	...	...	...	...	...
...	+23'974	+23'729	0'95	50.I0427	10'0	...	+27'402	-23'073	0'70	...	...	...	...	+30'728	+31'292	-5	m
...	24'023	-34'582	-5	...	...	...	27'607	-50'010	0'70	...	...	...	...	30'805	+5'296	-5	m
...	24'119	-20'666	-5	p	...	...	27'616	-5'933	-3	...	...	...	...	30'848	+15'854	-5	m
†	24'336	+5'005	0'80	50.I0429	10'2	...	27'628	-43'377	-5	...	...	...	*	30'895	-46'126	1'00	51.I0641
*	24'438	+23'702	1'00	50.I0428	9'9	...	27'736	-25'784	-4	...	...	...	...	30'938	+45'083	-5	m
...	+24'456	+21'721	-5	m	...	...	+27'825	+40'607	-4	m	...	...	...	+31'129	+38'615	-5	m
...	24'468	-22'727	-3	...	...	...	27'857	+54'258	-4	...	...	...	...	31'185	-31'502	1'00	51.I0642
†	24'519	+41'296	0'90	...	...	*	27'901	+18'301	1'00	50.I0436	10'1	...	...	31'202	-49'569	-5	...
*	24'670	-14'973	0'70	...	...	...	27'961	+7'256	-4	...	...	...	*	31'300	+55'030	1'30	50.I0442
*	24'728	+50'622	1'30	50.I0430	9'5	...	28'008	-57'329	-5	p	...	...	...	31'313	-36'713	-4	...
I56I	...	...	...	...	...	I62I	...	...	...	...	...	I68I	...	...	...	...	...
*	+24'831	-36'140	1'05	51.I0634	9'8	...	+28'033	+2'822	-4	...	...	...	...	+31'324	+7'292	-2	...
*	24'978	+45'260	1'00	50.I0431	10'0	...	28'268	-53'338	-4	...	...	...	...	31'349	-29'562	-5	...
...	25'035	+23'619	-5	m	...	*	28'333	+53'425	1'40	50.I0437	9'3	...	...	31'378	+35'373	-5	m
...	25'043	-2'340	-5	...	...	...	28'353	+31'372	0'80	...	...	...	...	31'426	+8'054	-5	m
...	25'108	+26'019	0'80	...	...	...	28'389	-11'985	-4	...	...	...	...	31'488	+33'676	-5	m
...	+25'118	-31'799	-3	...	...	...	+28'487	+38'467	0'85	...	...	...	...	+31'531	-8'273	-5	...
...	25'269	-42'895	-4	...	...	...	28'519	+29'505	-4	m	...	...	...	31'553	-47'228	-3	...
...	25'410	-40'214	0'90	...	...	†	28'539	+19'964	-4	...	...	...	...	31'574	+25'975	0'70	...
...	25'433	-46'327	-5	...	...	...	28'586	-4'311	-5	...	...	...	...	31'769	+47'852	-5	m
...	25'473	+59'668	-5	m	...	...	28'668	+16'712	0'70	...	...	...	...	31'811	+26'805	0'65	...
I57I	...	...	...	...	...	I63I	...	...	...	...	...	I69I	...	...	...	...	...
...	+25'483	+30'363	0'70	...	...	...	+28'723	-24'198	-5	...	...	...	...	+31'858	-50'252	1'00	...
...	25'517	-5'462	-5	...	...	...	28'773	-36'989	-4	...	...	...	...	31'859	+46'949	-5	m
...	25'577	+41'366	-5	m	...	...	28'810	+5'670	-1	...	...	...	...	31'865	+5'717	0'65	...
...	25'587	-49'542	-3	...	...	...	28'814	-59'693	-4	...	...	...	...	31'868	+27'270	-5	m
...	25'598	+10'789	-5	m	...	...	28'824	-20'021	-5	p	...	...	...	31'923	+12'398	0'65	...
*	+25'618	-23'352	1'00	51.I0635	10'0	...	+28'826	-31'459	0'80	...	...	...	...	+31'959	-54'594	-5	...
*	25'626	-47'003	1'05	51.I0636	9'8	...	28'891	+26'426	-5	m	...	...	...	32'016	+0'794	-5	...
...	25'631	+1'395	-5	m	...	...	28'910	+37'571	-5	m	...	...	...	32'100	+14'008	0'70	...
...	25'675	-44'077	-5	...	...	...	28'959	-6'922	-5	p	...	...	...	32'100	+5'620	-3	...
*	25'681	+51'904	1'00	50.I0432	10'1	...	29'089	-14'853	-3	...	...	...	...	32'115	+38'578	0'75	...
I58I	...	...	...	...	...	I64I	...	...	...	...	...	I70I	...	...	...	...	...
*	+25'689	+37'679	1'05	50.I0433	9'9	...	+29'096	+0'462	-5	...	...	...	...	+32'254	-46'748	-5	p
...	25'733	56'019	-2	...	...	...	29'130	-8'679	0'65	...	...	...	*	32'285	-25'603	1'45	51.I0643
...	25'738	-45'472	-3	...	...	...	29'141	-8'759	0'80	51.I0638	9'8	...	...	32'294	+28'138	-5	m
...	25'740	+21'686	-1	...	...	...	29'273	-30'791	0'90	51.I0639	10'2	...	*	32'367	-8'279	1'20	51.I0644
*	25'856	+44'122	1'00	50.I0434	10'2	*	29'391	-44'642	1'00	51.I0640	10'0	...	...	32'369	-24'783	-2	...
...	+25'871	-42'454	0'85	...	...	...	+29'420	+31'143	-5	m	...	...	...	+32'431	-52'555	-5	...
...	25'971	+52'924	-5	m	...	...	29'425	+20'869	-5	m	...	...	...	32'437	-29'612	0'80	...
...	25'982	+37'459	-4	m	...	...	29'443	+36'820	-4	m	...	...	...	32'481	+43'097	-5	m
...	26'054	-2'388	0'90	...	...	†	29'504	+13'718	0'70	...	...	...	...	32'685	-22'604	-5	...
...	26'069	+58'908	0'65	...	...	†	29'508	+4'496	2'20	50.I0439	8'8	...	...	32'888	+39'200	0'70	...

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Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1891-1950						1951-2010						2011-2070					
189I	+41.658	-43.101	-3	o	...	195I	+45.973	-14.939	-5	o	...	201I	+48.616	+5.140	1.00	50.10461	9.8
...	41.697	+8.199	0.75	...	...	...	46.040	+53.885	1.00	50.10456	10.2	...	48.624	+36.532	0.65	...	...
...	41.704	+49.398	1.00	...	...	*	46.056	-2.814	1.15	51.10658	9.8	...	48.858	-55.889	-5	...	...
...	41.846	+38.520	-5	m	...	...	46.187	-5.685	0.90	51.10659	10.2	...	48.891	-15.940	0.70	...	...
...	41.857	+55.482	-1	...	...	...	46.199	+2.296	-4	...	...	...	48.909	+40.371	-5	m	...
...	+41.999	-5.078	-5	...	...	...	+46.235	+5.515	0.70	...	...	...	+49.018	+26.019	-5	m	...
...	42.032	-38.865	0.65	...	...	...	46.377	-39.643	-3	...	...	...	49.056	+9.559	-2	...	...
...	42.055	+38.700	-3	...	...	...	46.400	+52.919	-5	m	...	...	49.062	+4.505	-4	m	...
...	42.088	-50.222	1.00	51.10655	10.2	...	46.436	-46.649	-4	...	...	...	49.119	-4.851	-4	...	...
...	42.178	-52.114	-5	...	...	...	46.517	-12.339	-5	p	...	...	49.144	-48.491	-4	...	...
190I	+42.197	+11.475	-5	m	...	196I	+46.519	+2.471	-5	m	...	202I	+49.179	-45.128	-3	...	...
...	42.279	+32.710	-3	...	...	...	46.527	-47.042	0.65	...	...	*	49.267	+44.259	1.20	50.10462	9.6
...	42.297	+24.528	-5	m	...	*	46.578	+34.221	1.60	50.10457	9.2	...	49.371	+10.654	-5	m	...
...	42.311	-42.668	0.90	...	...	...	46.603	+16.710	0.70	...	...	†	49.494	+15.319	-5	...	...
...	42.392	+14.426	0.90	...	...	...	46.665	-57.201	-5	...	...	†	49.547	-30.651	0.70	...	...
...	+42.403	-20.264	-5	...	...	†	+46.764	+39.887	0.70	...	...	...	+49.598	+42.735	-3	b	...
...	42.451	-48.452	-4	...	...	...	46.835	+2.908	-2	...	...	*	49.681	-6.533	1.00	51.10661	10.0
...	42.638	+1.896	-5	m	...	...	46.884	+33.374	-5	m	...	*	49.717	-22.247	1.00	51.10662	10.2
...	42.814	-57.584	1.00	...	...	*	46.910	+15.805	1.20	50.10458	9.8	...	49.720	+28.623	-5	m	...
...	42.907	+8.567	0.80	...	...	...	46.911	-42.530	-3	...	...	...	49.810	+44.685	-3	...	...
191I	+43.038	+9.556	-5	m	...	197I	+46.920	-8.253	-2	...	...	203I	+49.988	-47.240	-5	...	...
...	43.238	-34.140	-5	...	...	...	47.031	-0.632	0.80	...	...	...	50.075	+2.860	-5	m	...
...	43.315	-24.549	-5	...	...	...	47.083	+21.679	-4	m	...	...	50.245	-8.899	-5	...	...
...	43.384	+5.349	-5	m	...	...	47.096	+45.250	-2	...	...	...	50.348	-12.769	1.00	51.10663	10.2
...	43.431	+54.483	-5	m	...	...	47.268	-15.187	-5	p	...	...	50.383	+4.359	0.85	...	...
...	+43.538	+55.644	-2	...	...	*	+47.299	+33.669	1.20	50.10459	9.4	...	+50.387	+13.155	-3	...	...
...	43.554	+50.139	-4	m	...	...	47.347	+5.584	0.90	...	...	...	50.398	-26.065	-5	p	...
...	43.772	+28.107	0.95	50.10454	10.2	...	47.356	-26.515	-2	...	...	...	50.489	+40.702	0.90	50.10463	10.2
...	43.832	-6.724	-5	...	...	...	47.371	-37.195	-5	...	...	...	50.529	-44.734	0.90	...	...
...	44.059	+32.687	-3	...	...	...	47.372	+39.137	-4	m	...	...	50.538	-6.240	-3	...	...
192I	+44.163	+33.890	-4	m	...	198I	+47.419	+35.456	-1	...	...	204I	+50.551	-4.110	-5	...	...
...	44.189	-8.569	-5	...	...	...	47.468	-35.537	-2	...	...	...	50.570	+17.503	1.00	50.10464	10.2
...	44.306	+2.523	-5	m	...	...	47.483	-17.187	-2	...	...	...	50.584	-53.962	-5	...	...
...	44.349	+52.179	1.05	50.10455	10.0	*	47.501	-7.998	1.30	51.10660	9.1	...	50.628	-8.183	-2	...	...
*	44.390	-20.620	1.00	51.10656	10.2	†	47.534	-54.877	-5	p	...	...	50.784	+2.453	-5	m	...
...	+44.391	+13.377	0.65	...	...	*	+47.640	-22.433	1.00	...	...	...	+50.789	-27.450	-5	p	...
†	44.434	+57.433	-3	...	...	...	47.660	+16.044	0.75	...	...	...	50.813	+49.099	-1	...	...
†	44.546	+13.401	-1	...	...	...	47.733	-32.161	-4	...	...	...	50.963	+50.125	-4	m	...
...	44.621	+39.514	-5	m	...	...	47.759	-37.629	-3	...	...	...	50.981	+23.990	0.75	...	...
...	44.704	-4.260	-5	...	...	...	47.772	-20.629	-3	...	...	...	51.010	+18.256	-2	...	...
193I	+44.822	-38.852	-2	...	...	199I	+47.943	-0.588	-5	...	...	205I	+51.025	-28.775	-5	p	...
...	44.935	-52.118	-4	...	...	...	48.005	-25.097	-2	...	...	...	51.033	-56.918	-5	e	...
...	44.986	-49.294	-5	p	...	...	48.048	-34.089	-3	...	...	...	51.077	+20.918	-5	m	...
...	45.261	-14.246	-5	p	...	*	48.058	+1.177	1.05	50.10460	9.9	...	51.082	+2.119	-5	m	...
...	45.277	+6.984	-2	...	...	...	48.059	-39.713	-3	...	...	...	51.141	+9.252	-4	m	...
...	+45.297	+32.465	-3	...	...	...	+48.133	+38.719	-5	m	...	...	+51.152	+5.506	-2	...	...
...	45.432	-41.319	-5	p	...	...	48.235	-5.422	-5	...	...	...	51.230	+28.209	-5	m	...
...	45.438	-31.298	0.80	...	...	...	48.281	-20.683	-4	...	...	...	51.329	+32.294	-5	m	...
...	45.448	-20.900	-2	...	...	...	48.288	+28.907	-4	m	...	...	51.353	-12.310	-2	...	...
...	45.597	+57.758	-3	...	...	...	48.295	-11.062	-5	p	...	...	51.520	+3.604	-5	m	...
194I	+45.611	-21.711	-2	...	...	200I	+48.315	+0.362	-5	m	...	206I	+51.617	+9.225	-5	m	...
...	45.613	+35.877	0.90	...	...	...	48.381	-17.301	-5	...	...	...	51.644	+35.123	-1	...	...
...	45.678	+20.660	-1	...	...	...	48.403	+17.217	-4	m	...	...	51.644	+1.009	-3	...	...
...	45.706	-10.501	-5	...	...	...	48.461	-20.297	0.90	...	...	...	51.667	-18.006	0.95	...	...
*	45.736	-30.230	1.40	51.10657	9.0	...	48.471	-57.863	1.00	...	...	...	51.894	+51.185	-5	m	...
...	+45.849	-14.864	-5	p	...	...	+48.491	+11.643	-4	m	...	...	+51.901	+18.325	-5	m	...
...	45.853	+17.498	-5	m	...	...	48.573	+54.125	-5	m	...	...	51.947	-57.944	-4	e	...
...	45.939	-21.618	-5	...	...	...	48.597	+15.957	-3	...	...	*	51.970	-22.197	1.00	51.10664	10.0
...	45.957	+0.976	-5	m	...	...	48.608	+37.828	-5	m	...	...	51.974	+30.732	-2	...	...
...	45.960	+8.329	-3	...	...	...	48.612	+13.991	-5	m	...	...	52.010	-0.324	-5	p	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
2071-2130						2131-2190						2191-2208					
207I	+52.133	+20.408	-5	m	...	213I	+55.509	+38.509	0.70	...	10.2	219I	+58.440	-1.710	0.70	e	...
...	52.150	+25.370	-4	m	...	...	55.659	+20.532	-5	e	...	...	58.502	+55.420	1.00	...	...
...	52.204	+10.080	0.80	...	...	...	55.680	+6.356	-4	e	...	...	58.539	+26.093	-3	e	...
...	52.284	-30.914	-5	e	...	e *	55.757	-13.081	1.20	5I.10671	9.4	...	58.549	-5.182	0.95	e	...
...	52.299	+38.068	-4	m	...	...	55.776	+16.566	-5	e	...	...	58.560	-10.342	-3	e	...
e	+52.353	-44.244	1.00	5I.10665	10.2	...	+55.789	+13.632	-5	m	...	...	+58.660	-20.250	0.70	e	...
...	52.426	-14.697	-5	...	...	...	55.829	+40.794	-2	...	...	...	58.672	-3.402	-5	p	...
...	52.503	-3.063	-5	...	...	...	55.901	-36.055	-5	...	...	...	58.681	-56.438	-5	e	...
...	52.543	-23.283	-5	e	...	...	56.140	-41.644	-5	p	...	e *	58.775	-38.140	1.35	5I.10673	9.6
...	52.550	-54.147	-5	...	...	...	56.154	-10.698	-5	e	...	...	58.822	+26.157	0.70	...	...
208I	+52.569	+21.735	-4	m	...	214I	+56.182	-3.811	-4	...	...	220I	+58.943	-36.002	-1	e	...
...	52.580	+57.754	-5	m	...	...	56.211	-58.486	-3	e	...	e *	59.116	-25.365	1.20	5I.10674	9.6
e	52.582	-50.617	1.00	5I.10666	10.0	...	56.227	-49.339	-5	e	...	N	59.168	-45.980	-3	e	...
...	52.610	-53.917	-5	...	...	...	56.386	+16.528	0.75	...	...	N	59.210	-45.533	-2	e	...
...	52.703	+32.467	-5	m	...	...	56.506	-11.003	-4	e	...	...	59.245	+4.083	-4	...	...
...	+52.735	-14.901	-5	e	...	...	+56.507	+15.706	-2	...	...	†	+59.421	+0.220	-4	e	...
...	52.755	+32.111	-4	m	...	...	56.532	-31.391	1.00	e	...	†	59.448	-5.676	-5	e	...
...	52.801	-13.119	-4	e	...	...	56.538	+31.008	-5	e	...	†	59.450	+5.067	-5	...	...
...	53.007	+20.607	0.90	...	...	...	56.690	-35.880	-5	e	...						
...	53.130	-8.239	-5	p	...	...	56.698	+46.797	-5	m	...						
209I	+53.280	-32.303	-5	e	...	215I	+56.739	+47.224	-4	...	...						
...	53.328	-0.320	-5	e	...	...	56.810	+36.528	-5	e	...						
...	53.357	+31.162	0.95	...	...	...	56.812	+3.099	-5	m	...						
...	53.419	+20.949	-3	b	...	...	56.852	-4.900	-5	...	...						
...	53.615	-9.746	-2	e	...	...	56.873	+22.775	-3	...	...						
...	+53.642	+25.178	-5	m	...	...	+56.906	+32.890	-1	...	...						
...	53.660	-3.645	-5	p	...	...	57.056	-36.116	-3	e	...						
...	53.682	+38.726	-1	...	...	...	57.090	+23.759	-3	e	...						
...	53.719	-20.486	-5	e	...	...	57.180	-40.220	-1	e	...						
*	53.726	-12.692	1.00	e	...	...	57.241	+44.855	-1	e	...						
210I	+53.797	-59.115	-5	e	...	216I	+57.251	-12.543	1.30	5I.10672	9.4						
...	53.837	-44.365	-5	e	...	e *	57.288	+47.126	-5	e	...						
e *	53.890	-24.530	1.00	5I.10668	10.2	...	57.318	+12.109	-5	e	...						
†	53.940	-29.969	-3	e	...	†	57.370	-39.855	-5	e	...						
...	53.975	+48.788	-3	...	...	...	57.378	+29.363	-5	e	...						
...	+53.995	-31.837	-5	e	...	...	+57.424	-19.219	0.70	e	...						
...	54.020	-44.975	-5	e	...	...	57.505	+42.930	0.80	...	...						
e *	54.049	-5.167	1.00	5I.10667	10.2	...	57.520	+37.472	-5	m	...						
...	54.096	+47.776	-5	m	...	...	57.580	-19.789	-2	e	...						
...	54.305	-25.903	-1	e	...	...	57.630	-18.352	0.90	e	...						
211I	+54.343	+54.196	-5	m	...	217I	+57.634	+1.254	0.85	...	...						
...	54.365	+21.350	0.80	...	...	...	57.636	+18.076	-5	e	...						
†	54.468	-44.541	-5	e	...	...	57.652	+39.258	-1	...	...						
...	54.550	+25.166	-4	e	...	...	57.656	+43.050	0.75	...	...						
...	54.619	+41.890	-1	...	...	...	57.673	+50.579	0.95	...	...						
N	+54.645	+5.740	-4	...	...	...	+57.685	-40.193	-3	e	...						
N	54.715	+5.742	-5	...	...	...	57.688	-17.916	-5	p	...						
...	54.752	+28.858	-2	...	...	*	57.699	+7.379	0.95	...	...						
...	54.770	+30.331	-4	e	...	*	57.727	+13.025	1.00	50.10466	10.2						
e *	54.813	-33.300	1.40	5I.10670	9.2	...	57.755	-32.865	-5	e	...						
212I	+54.875	+12.423	-5	e	...	218I	+57.779	+10.437	-4	e	...						
...	55.024	-29.912	-3	e	...	...	57.892	+23.721	-3	...	...						
...	55.086	+19.016	-3	e	...	...	57.912	-56.298	0.90	e	...						
...	55.114	-42.514	-4	e	...	...	57.934	-50.531	-5	p	...						
...	55.155	+9.253	-4	...	...	...	58.045	+36.508	-4	e	...						
...	+55.156	-4.044	-2	e	...	...	+58.069	-4.330	-4	e	...						
...	55.204	+30.553	-5	e	...	...	58.112	-56.661	-1	e	...						
...	55.308	+6.017	-4	...	...	...	58.146	+19.503	-4	...	...						
...	55.380	-40.011	-4	e	...	...	58.393	-2.919	-3	...	...						
N *	55.461	+38.556	0.95	50.10465	10.2	...	58.419	-14.215	-5	p	...						

2116, 2117. 50° 90, mass; 51° 90, two stars.

2130, 2131. 50° 90, mass; 51° 90, mass.

2203, 2204. Réseau distorted.

Notes.	Co-ordinates.		Diam. 0.65	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-60.111	+58.222	-5	M	...	6I	-56.997	-44.587	-5	E	...	I2I	-52.895	-35.860	-1	E	...
†	59.971	-13.250	-5	E	...	...	56.746	-10.715	-5	E	...	...	52.818	+57.326	-4	...	...
...	59.971	-15.043	-5	E	...	...	56.742	+36.511	-5	E	...	...	52.669	+24.471	-5	M	...
...	59.959	-0.455	-5	E	...	...	56.496	+12.103	-5	E	...	...	52.576	-19.540	-5	...	...
...	59.951	-57.084	-5	E	...	...	56.447	-42.545	-5	E	...	*	52.532	+57.943	1.40	50.10467	9.7
...	-59.815	+21.232	0.85	...	...	...	-56.397	+18.104	-5	E	...	...	-52.496	-30.018	-4	...	...
...	59.806	-23.443	-5	E	...	...	56.381	+23.739	-2	...	...	...	52.411	+43.369	-5	M	...
...	59.772	+25.040	-5	E	...	...	56.360	-10.998	-5	E	...	...	52.340	-56.304	-5	E	...
...	59.765	+30.221	-5	E	...	...	56.292	-40.037	-5	E	...	...	52.314	-4.519	-5	...	...
...	59.764	-31.062	-5	E	...	*	56.126	+13.047	1.00	50.10466	10.2	...	52.270	-45.815	-3	E	...
II	-59.728	+28.741	-3	...	...	7I	-55.954	+19.540	-5	...	...	I3I	-52.257	+35.665	-2	...	...
N *	59.389	+38.447	1.15	50.10465	10.2	...	55.953	+10.460	-5	E	...	...	52.235	-45.366	-2	E	...
...	59.341	+30.450	-5	E	...	...	55.919	+7.411	0.95	...	...	...	52.220	+5.563	-5	M	...
...	59.285	-9.862	-2	E	...	...	55.833	+26.138	-4	E	...	...	52.098	+19.502	-5	M	...
E	59.153	-44.366	1.00	51.10665	10.2	...	55.733	+1.282	0.85	...	...	...	51.804	-43.369	-5	...	...
...	-59.119	+40.707	-2	...	...	*	-55.593	+59.708	1.10	49.10333	9.8	*	-51.771	+30.457	1.60	50.10468	9.0
...	59.077	-12.795	0.90	E	...	...	55.553	+26.217	0.80	...	...	...	51.764	-9.993	0.65	...	...
E *	59.043	-5.269	1.00	51.10667	10.2	E *	55.540	-12.507	1.30	51.10672	9.4	...	51.701	+12.899	-4	M	...
...	58.997	-58.081	-5	E	...	...	55.536	-10.781	-5	...	...	...	51.690	+11.151	-5	M	...
...	58.985	+18.925	-5	E	...	...	55.496	-31.371	1.00	E	...	...	51.425	+27.464	-5	M	...
2I	-58.922	+12.328	-5	E	...	8I	-55.147	-35.828	-5	E	...	I4I	-51.382	-30.826	-4	...	...
N	58.910	+5.651	-4	...	...	†	55.093	-19.170	0.85	E	...	...	51.308	+8.586	0.85	...	...
N	58.856	+5.646	-5	...	...	...	55.091	-49.314	-5	E	...	...	51.300	+28.498	-5	...	...
...	58.743	-20.583	-5	E	...	...	55.072	-4.269	-5	E	...	...	51.282	+24.063	-1	...	...
...	58.722	-32.418	-5	E	...	...	55.041	+2.984	-4	...	...	...	51.265	+48.252	-5	M	...
E *	-58.656	-50.727	1.15	51.10666	10.0	...	-55.026	+57.052	-1	...	...	...	-51.132	-51.739	-5	...	...
...	58.534	+9.176	-5	...	...	...	54.938	-18.293	0.95	E	...	...	51.110	+37.707	-3	...	...
...	58.473	+47.187	-4	...	...	†	54.925	-19.729	-3	E	...	...	51.058	+30.977	0.70	...	...
...	58.470	+20.470	-5	E	...	...	54.802	-1.638	0.65	E	...	...	50.994	+21.965	-2	A	...
E *	58.411	-24.611	1.00	51.10668	10.2	...	54.791	-36.059	-3	E	...	...	50.974	+44.684	-5	M	...
3I	-58.287	-11.383	-5	p	...	9I	-54.749	+23.618	-4	...	...	I5I	-50.934	-53.845	-5	...	...
...	58.244	+5.949	-3	...	...	...	54.726	-58.435	-3	E	...	...	50.878	+16.236	0.70	...	...
...	58.191	+16.512	-5	E	...	...	54.568	+47.656	-5	M	...	...	50.622	+3.407	-3	M	...
...	58.154	-30.041	-5	E	...	...	54.548	-5.094	0.85	E	...	...	50.612	+54.560	-3	B	...
...	58.034	+30.952	-5	E	...	...	54.480	+47.102	-5	M	...	...	50.610	-3.174	-5	...	...
...	-58.017	-31.904	-5	E	...	...	-54.474	-40.170	-1	E	...	...	-50.483	+41.631	-4	M	...
...	57.991	-4.108	-3	E	...	...	54.330	-10.253	-2	E	...	...	50.483	+16.776	-4	M	...
...	57.962	+36.490	-5	E	...	...	54.305	-39.780	-5	E	...	...	50.312	-48.060	0.70	...	...
...	57.936	+47.081	-5	E	...	...	54.236	+4.178	-4	...	...	†	50.122	+49.917	1.10	50.10469	10.0
...	57.932	-25.977	-1	E	...	...	54.214	-32.779	-5	E	...	...	50.109	+29.537	-5	M	...
4I	-57.899	+6.308	-5	E	...	10I	-54.196	+59.065	0.85	...	...	I6I	-50.049	+42.348	-2	...	...
...	57.894	+44.828	-1	E	...	*	54.093	+24.268	1.00	...	...	...	49.867	-12.756	-5	...	...
...	57.739	+32.855	-2	...	...	†	54.074	+5.170	-4	...	...	...	49.774	+42.980	-5	M	...
...	57.695	+50.565	1.00	...	...	...	53.976	-40.130	-3	E	...	...	49.688	+6.378	-5	M	...
...	57.671	-44.428	-5	E	...	...	53.922	+31.029	-3	...	...	...	49.585	-16.941	-5	...	...
...	-57.583	+16.495	0.90	...	...	...	-53.916	+6.978	-1	...	...	...	-49.534	-52.907	-5	...	...
...	57.549	+42.907	-1	...	...	...	53.899	+0.329	-3	E	...	...	49.385	+34.694	-5	M	...
...	57.452	+15.681	-2	...	...	...	53.816	-20.144	-1	E	...	...	49.379	+6.026	-5	M	...
...	57.450	-45.045	-5	E	...	†	53.812	+30.124	0.80	...	...	...	49.368	-29.940	-5	...	...
...	57.412	+43.034	-1	...	...	...	53.806	-0.348	-5	...	...	...	49.338	+35.593	-5	M	...
5I	-57.356	+22.754	-5	...	...	III	-53.716	+32.188	-5	M	...	I7I	-49.317	+2.690	-5	M	...
...	57.338	-47.739	-5	p	...	...	53.622	-5.542	-4	E	...	...	49.306	-23.496	-5	p	...
...	57.246	+39.246	-2	...	...	...	53.539	+5.017	0.75	...	...	...	49.298	+9.620	-5	M	...
...	57.161	+23.741	-4	E	...	...	53.266	+2.661	-5	M	...	...	49.191	+53.002	1.00	50.10470	10.2
E *	57.139	-33.342	1.30	51.10670	9.2	...	53.239	+50.987	-3	...	...	*	49.188	-40.213	1.20	51.10675	9.6
...	-57.128	+29.366	-5	E	...	E *	-53.170	-25.249	1.25	51.10674	9.6	...	-48.939	-0.827	-2	...	...
...	57.106	-59.169	-5	E	...	...	53.107	-56.186	0.90	E	...	†	48.756	+40.165	0.65	...	...
...	57.066	-29.951	-2	E	...	...	53.035	-1.184	0.90	...	...	...	48.558	-24.658	-3	...	...
...	57.055	+55.426	-1	...	...	E *	52.974	-38.010	1.25	51.10673	9.6	...	48.531	-43.067	-5	...	...
E *	57.021	-13.109	1.20	51.10671	9.4	...	52.908	-56.539	-1	E	...	...	48.523	-14.266	-2	...	...

L measured from 1, 159, 336, 529, 687, 824, 957, 1081, 1247, 1413, 1574, 1740.

C " " 81, 240, 441, 612, 761, 891, 1016, 1160, 1330, 1488, 1658, 1802.

12. Mass. 50° 90, mass; 51° 89, two stars.

22, 23. 50° 90, mass; 51° 89, two stars.

Notes.	Co-ordinates.		Diam. o 65.	C.P.D.		Notes.	Co-ordinates.		Diam. o 65.	C.P.D.		Notes.	Co-ordinates.		Diam. o 65.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
18I	-48.521	+47.091	-5	M		24I	-45.123	+55.337	-5	M		30I	-41.844	-6.681	-5	p	
...	48.501	-47.709	-5	p		...	45.083	+38.959	-4	M		...	41.833	-10.924	-5		
...	48.469	-13.226	-3			...	45.066	+46.130	-5	M		...	41.793	+47.897	-4	M	
...	48.399	-9.197	-5			...	45.060	-12.328	-5			...	41.791	+7.263	-5	M	
...	48.304	-12.393	-4			...	45.043	+17.975	-3	M		...	41.786	+46.541	-5	M	
...	-48.241	+4.107	0.85			...	-45.009	+19.931	-5	M		...	-41.757	+26.795	-5	M	
...	48.220	+38.113	-5	M		...	44.933	-51.378	-5	p		...	41.655	+2.166	-4	M	
...	48.163	+31.820	-2			*	44.702	+14.181	1.05	50.10473	10.2	...	41.633	-4.129	-3		
...	48.153	+5.955	-5	M		...	44.692	+30.826	-4	M		...	41.604	-50.071	-5		
...	48.138	-1.374	-5			*	44.537	-58.680	1.40	51.10680	9.6	...	41.595	-32.881	-5		
19I	-48.124	+40.829	-3	A		25I	-44.509	+44.347	-5	M		31I	-41.527	-35.850	-2		
...	48.050	-16.362	-4			...	44.424	-29.905	-5			...	41.470	+8.653	-5	M	
*	48.017	-12.021	1.00			...	44.388	-45.768	-5	p		...	41.369	-14.900	-3		
...	47.971	+21.296	-5	M		...	44.379	+17.060	-4			*	41.319	-27.761	1.00		
*	47.963	-51.095	1.20	51.10676	9.6	...	44.323	-30.978	-5			...	41.316	-52.674	-5	p	
...	-47.957	-34.173	1.00	51.10677	10.2	...	-44.101	+10.399	0.70			...	-41.278	+0.742	-3		
...	47.933	-0.825	0.80			...	44.093	+49.575	-5	M		...	41.264	+57.510	-1		
...	47.898	+37.486	-1			...	44.030	+36.334	0.75			...	41.255	+35.823	-5	M	
...	47.732	+11.345	-5			...	43.899	+45.141	-5	M		...	41.229	+47.553	1.00		
...	47.665	-7.809	-3			...	43.839	-22.615	-5			...	41.180	-46.301	-5		
20I	-47.508	+29.738	-5	M		26I	-43.808	-4.412	-4			32I	-41.107	+27.335	-5	M	
...	47.464	-2.176	-5			...	43.804	+22.452	0.65			...	41.055	+54.056	-5	M	
...	47.460	-28.042	-4			...	43.698	+17.235	0.70			...	40.991	+54.551	-5	M	
...	47.384	-38.781	-3			...	43.645	+16.796	-2			...	40.990	-36.551	-5	p	
*	47.369	-6.330	1.00	51.10678	10.2	...	43.618	-15.302	-5			*	40.874	+17.026	0.95		
...	-47.309	-53.482	-5			...	-43.617	-13.491	-5			...	-40.843	+49.928	-5	M	
...	47.230	-32.125	-5			...	43.548	-44.487	-3			...	40.684	+2.264	-3		
...	47.227	-44.100	-5			...	43.405	-0.026	-2	F		*	40.639	+53.558	1.50	50.10476	9.4
...	47.103	-38.648	1.00			...	43.363	-53.931	-4			...	40.637	-9.361	-5		
...	47.075	+18.307	0.80			...	43.309	+29.997	-5	M		†	40.547	+0.189	-5	M	
21I	-47.026	-30.008	-5			27I	-43.290	-45.670	-5	p		33I	-40.451	-48.318	1.00		
N	46.786	+49.696	-2			...	43.014	+59.241	-5	M		*	40.426	-25.667	-5		
...	46.688	-35.577	-4			...	43.012	+47.906	-4	M		...	40.389	+0.112	-5	M	
...	46.672	-17.675	-2			...	43.003	+52.725	-5	M		...	40.361	+0.840	-5	M	
...	46.632	-7.215	-5	p		...	42.982	-20.245	-2			...	40.358	-56.068	-5		
...	-46.445	+44.323	-5	M		†	-42.960	+35.119	-4	M		...	-40.133	-9.371	-3		
...	46.410	-56.587	-5			*	42.943	-29.026	1.15	51.10681	10.0	*	40.113	+19.252	1.30	50.10475	9.3
...	46.291	+14.247	-3			...	42.758	+12.657	-5	M		...	40.086	-42.127	-5		
...	46.288	+42.706	-3			*	42.740	-28.810	1.00			...	40.031	-0.752	-5	p	
...	46.258	-10.787	-5			...	42.715	+33.338	0.95			...	40.020	-32.322	-3		
22I	-46.208	-28.764	-3			28I	-42.703	+4.708	0.70			34I	-39.991	-28.391	-2		
*	46.153	+11.303	1.00	50.10471	10.2	...	42.602	+21.010	-5	M		...	39.986	+56.568	-1		
...	45.975	+19.909	-5	M		S	42.561	+47.632	2.00	50.10474	8.8	...	39.941	-38.489	0.70		
...	45.936	+4.901	-5	M		...	42.538	+50.571	-5	M		...	39.895	-46.582	-3		
...	45.882	+47.798	-5	M		...	42.537	+13.109	-5	M		†	39.882	+40.139	1.00	50.10477	9.7
*	-45.881	+43.355	-2			...	-42.485	-26.259	-3			...	-39.706	-39.166	-5		
...	45.868	+24.676	1.00	50.10472	10.2	†	42.461	+15.189	-5	M		...	39.684	+8.449	-5	M	
...	45.829	-57.105	-5	p		...	42.390	+38.470	-5	M		...	39.681	+29.060	0.75		
...	45.816	-15.685	1.00	51.10679	10.2	...	42.375	-59.090	-5			...	39.603	+18.664	0.90		
...	45.789	+35.333	-4			...	42.357	+28.621	-4	M		...	39.591	-51.896	-5		
23I	-45.683	+38.955	-5	M		29I	-42.319	-52.700	1.15	51.10682	9.8	35I	-39.532	-49.444	-3		
...	45.672	+27.997	0.85			...	42.243	+43.898	-2			...	39.494	+31.568	0.90		
...	45.499	-6.752	-4			...	42.210	+43.391	-3	B		...	39.493	-8.746	-2		
...	45.461	+41.101	-3			...	42.044	+23.011	-5	M		...	39.418	-54.178	-5		
...	45.418	+14.357	-5	M		...	42.036	+18.923	-5	M		...	39.397	-30.399	-5		
...	-45.406	+8.300	-5	M		...	-41.995	+8.405	-4	M		...	-39.378	-4.277	-2		
...	45.361	-21.216	0.75			†	41.965	+10.195	-4			...	39.370	-22.972	-5		
†	45.313	-18.913	0.85			...	41.950	+46.707	-5	M		...	39.339	+30.375	-3		
†	45.305	+4.968	-5	M		...	41.890	+32.299	-5	M		...	39.338	+27.326	-5	M	
...	45.128	+6.939	-3			...	41.874	-23.019	-2			...	39.219	+53.712	-5	M	

212. Mass. 50° 90, two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-420						421-480						481-540					
36I	-39.206	-33.719	-5	°	...	42I	-36.084	-27.075	-5	°	p	48I	-32.595	-47.290	0.75	°	...
...	39.162	-22.878	-5	...	...	...	36.058	+16.270	-2	...	...	...	32.564	+45.192	-4	M	...
...	38.995	+26.023	-5	M	...	...	36.016	-19.906	-5	...	...	...	32.539	-34.973	-5	...	...
...	38.933	+3.088	0.70	...	...	...	35.944	+49.800	-5	M	...	...	32.510	-6.976	-4	...	...
...	38.897	+26.426	-5	M	...	...	35.900	-7.965	-5	...	...	...	32.504	+22.481	-5	M	...
...	-38.710	-57.735	-5	...	...	...	-35.870	+59.204	-5	...	...	...	-32.465	+14.001	-3	...	...
...	38.695	-54.340	-1	...	...	...	35.721	+28.169	-5	M	...	...	32.380	-49.517	-5	p	...
...	38.619	+2.250	-5	M	...	...	35.717	+54.015	-5	M	...	...	32.157	-5.000	0.75	...	...
...	38.607	+48.908	-1	...	...	...	35.684	-51.131	-5	...	...	...	32.058	-55.421	-5	...	...
...	38.477	-16.724	-5	...	...	...	35.649	+56.042	-5	M	...	...	31.982	+24.368	0.80	...	...
37I	-38.435	+2.859	0.90	...	...	43I	-35.648	-1.819	-5	...	...	49I	-31.931	+2.043	-5	M	...
...	38.328	+13.047	-5	M	...	*	35.631	+33.136	1.20	50.10480	9.3	...	31.868	+15.394	-5	M	...
...	38.323	-19.585	-5	...	...	...	35.626	+16.012	-5	M	...	...	31.852	-15.829	-3	...	...
...	38.279	-6.909	-5	...	...	...	35.546	-5.374	0.75	...	...	...	31.818	+28.842	-5	M	...
...	38.262	+27.296	-5	M	...	...	35.523	+9.083	-5	M	...	...	31.798	-31.816	-5	...	...
...	-38.192	-47.018	-5	...	...	...	-35.508	+41.257	-5	M	...	...	-31.729	+51.532	0.85	...	...
...	38.188	-13.384	-5	M	...	...	35.427	-13.844	-3	...	...	...	31.718	-1.946	-4	...	...
...	38.180	-15.419	-5	...	...	...	35.411	-57.672	-4	...	...	...	31.683	+12.053	-3	...	...
...	38.176	-11.013	-5	...	...	...	35.375	-40.838	0.85	...	...	...	31.658	+29.764	0.70	...	...
...	38.107	+32.137	-5	M	...	†	35.319	+21.327	-3	...	...	50I	31.617	-9.447	-2	...	...
38I	-37.967	-35.285	0.95	...	...	44I	-35.202	+33.027	-4	...	...	...	-31.593	+40.359	-5	M	...
*	37.959	+7.681	0.70	...	...	†	35.103	+17.363	-4	...	...	...	31.532	+22.421	0.70	...	...
*	37.931	-9.008	1.00	51.10683	10.2	...	35.070	+43.592	-5	M	...	...	31.446	-42.958	-5	...	...
...	37.857	-36.512	0.65	...	...	...	34.951	+42.304	-5	M	...	...	31.417	+33.494	-3	...	...
...	37.817	-53.406	-5	...	...	...	34.806	-35.203	-2	...	...	...	31.401	-11.847	0.95	...	...
...	-37.749	+5.060	-3	...	...	...	-34.679	+59.013	-2	...	...	...	-31.389	+14.316	-5	M	...
...	37.687	+21.096	-3	...	...	...	34.675	+59.454	0.75	...	...	...	31.362	-35.468	0.75	...	...
...	37.680	-16.546	-3	...	...	...	34.637	-38.349	-3	...	...	*	31.336	+24.724	2.10	50.10483	8.8
...	37.668	-32.491	-5	...	...	...	34.437	-6.254	-5	...	...	...	31.325	-33.701	-4	...	...
...	37.645	-55.731	-5	...	...	*	34.414	+12.407	1.20	50.10481	9.7	...	31.272	+9.378	0.65	...	...
39I	-37.558	-53.779	0.95	...	...	45I	-34.370	+8.957	-5	M	...	51I	-31.094	+50.205	-1	...	...
...	37.512	-15.086	0.70	...	...	...	34.281	-38.890	-3	...	...	†	31.021	+40.127	-5	M	...
...	37.230	-36.306	0.75	...	...	...	34.171	-45.750	-4	...	...	...	31.016	+4.701	-5	M	...
...	37.187	-59.376	-4	...	...	...	34.168	-27.537	-2	...	...	...	31.002	-23.343	-5	...	...
*	37.111	-0.139	1.20	50.10478	9.4	...	34.122	+3.767	-5	M	...	...	30.988	-41.789	-4	...	...
...	-37.088	+30.731	-5	M	...	...	-34.094	-22.397	-5	p	...	*	-30.970	+8.005	1.00	50.10484	10.2
*	37.014	-59.158	1.00	...	...	...	34.055	-1.016	-5	...	...	...	30.851	-58.624	0.75	...	...
...	36.995	-48.473	1.00	...	...	...	33.962	-47.029	0.75	...	...	...	30.843	+4.108	-5	M	...
...	36.983	+29.289	-3	...	...	...	33.929	-48.982	-4	...	...	...	30.806	+59.920	-5	M	...
...	36.959	-18.128	-5	...	...	...	33.868	+47.038	-5	M	...	...	30.764	-36.611	-5	...	...
40I	-36.918	+36.654	0.85	...	...	46I	-33.803	+38.138	-2	...	...	52I	-30.658	-53.028	-5	...	...
...	36.863	-1.512	-4	...	...	...	33.796	+36.095	-5	M	...	...	30.628	-21.307	-5	p	...
...	36.844	-15.168	-5	...	...	...	33.755	+29.479	0.75	...	...	*	30.562	+36.250	1.00	50.10485	10.2
...	36.831	-56.179	-4	...	...	...	33.725	+59.748	-5	M	...	...	30.401	-43.370	-5	...	...
...	36.817	-28.017	-5	...	...	...	33.721	-23.309	-5	...	...	...	30.391	+55.824	-5	M	...
...	-36.737	-5.176	-2	...	...	S *	-33.545	-42.559	1.65	51.10684	9.0	†	-30.365	+45.790	-5	M	...
...	36.687	-6.660	-5	...	...	...	33.378	-13.832	-5	p	...	†	30.350	+33.786	0.75	...	...
...	36.656	-40.160	0.75	...	...	...	33.365	+31.052	-2	...	...	†	30.334	+9.042	-3	...	...
...	36.636	-8.635	-2	...	...	*	33.363	+50.957	1.20	50.10482	9.6	†	30.227	+23.240	-5	M	...
...	36.581	+14.488	-5	M	...	...	33.296	+17.479	-5	M	...	...	30.168	-53.629	-4	...	...
41I	-36.581	-44.988	-3	...	...	47I	-33.280	-47.452	-4	...	...	53I	-30.156	+42.461	-4	M	...
...	36.503	+28.316	0.80	...	...	...	33.154	-24.334	-5	p	...	...	30.129	-15.081	-5	...	...
...	36.445	-9.132	-2	...	...	...	33.008	+49.267	-3	A	...	...	29.960	+20.427	-5	...	...
...	36.365	+23.682	-5	...	...	...	32.997	+32.230	-2	...	...	...	29.896	+25.036	-2	...	...
*	36.298	+27.778	1.25	50.10479	9.3	...	32.949	+2.566	-4	M	...	...	29.824	-3.319	-2	...	...
...	-36.287	+8.598	-5	M	...	...	-32.938	-59.422	0.80	...	...	...	-29.790	+40.244	-5	M	...
...	36.284	+25.961	0.70	...	...	...	32.870	-12.742	-2	...	...	...	29.719	+52.704	-5	M	...
...	36.283	+22.764	-4	M	...	...	32.744	-20.248	-5	...	...	...	29.715	-57.068	-5	p	...
...	36.196	+51.992	-5	M	...	...	32.670	+8.914	-2	...	...	...	29.697	-28.514	-5	...	...
...	36.182	-49.475	-5	...	...	...	32.599	+1.391	-4	...	...	...	29.649	-9.631	0.70	...	...

Notes.	Co-ordinates.		Diam. 0.65	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
541-600						601-660						661-720					
54I	-29.578	-40.621	0.85	...	...	60I	-25.922	+19.978	-5	M	...	66I	-22.449	+58.364	-5	M	...
...	29.569	+59.460	-1	...	...	...	25.909	+13.415	-5	M	...	...	22.379	-49.301	-2	...	...
...	29.476	-52.049	-5	...	...	...	25.883	-15.397	-5	...	...	...	22.335	-6.875	-5	...	...
...	29.425	+9.793	-5	...	...	...	25.878	-40.817	-5	...	...	...	22.123	+13.928	-5	...	...
...	29.323	+46.537	-5	M	...	...	25.725	-6.836	-5	...	...	...	22.105	+51.180	0.75	...	...
...	-29.299	+7.785	-5	M	...	*	-25.512	+19.564	1.25	50.I0489	9.2	*	-22.053	-40.218	1.00	51.I0691	10.0
...	29.213	+8.239	-2	...	...	*	25.507	-13.067	1.00	51.I0687	10.2	...	22.019	+36.839	-5	M	...
...	29.196	+23.122	0.90	...	...	...	25.471	+8.796	-4	...	...	*	22.019	-12.735	1.15	51.I0692	9.6
...	29.099	-51.812	-3	...	...	...	25.462	-17.270	-5	...	...	...	22.005	-19.868	-4	...	...
...	29.048	-46.148	-3	...	...	*	25.387	+18.639	1.25	50.I0490	9.2	*	21.805	+0.695	1.00	50.I0491	9.7
55I	-29.037	+25.269	-5	...	...	61I	-25.327	-11.374	0.70	...	...	67I	-21.782	-40.257	0.95	...	...
...	29.023	-12.538	-5	...	...	†	25.276	-3.365	0.75	...	...	*	21.732	+55.304	1.25	50.I0492	9.7
...	28.972	-1.426	0.80	...	...	...	25.245	-46.464	-5	p	...	...	21.622	-55.781	-2	...	...
†	28.904	+5.249	-5	...	...	...	25.118	-25.411	-5	p	...	...	21.462	-40.653	-5	...	...
...	28.897	+0.976	-2	...	...	...	25.102	+37.227	-4	...	...	*	21.226	-41.265	1.00	...	...
...	-28.846	+20.418	-2	...	...	...	-25.041	-47.517	-4	...	...	...	-21.005	-16.228	0.70	...	...
...	28.782	-23.608	-2	...	...	...	24.814	-44.212	-5	...	...	...	20.905	+55.669	-4	...	...
...	28.733	-5.066	-5	...	...	...	24.724	-47.626	-5	p	...	...	20.865	+5.576	-2	...	...
...	28.620	-51.088	-5	...	...	...	24.717	+19.227	0.70	...	...	...	20.781	+18.979	-5	M	...
...	28.383	+55.874	-5	M	...	...	24.703	+33.837	-5	M	...	...	20.651	-25.776	-5	p	...
56I	-28.311	-54.074	-3	...	...	62I	-24.639	-18.843	0.85	...	...	68I	-20.639	+47.359	0.90	...	...
...	28.249	+38.332	-2	...	...	...	24.459	+14.308	-4	...	...	...	20.624	-54.263	-5	...	...
...	28.241	-27.764	-2	...	...	...	24.409	+15.015	-5	...	...	...	20.562	-54.540	-5	...	...
...	28.005	-3.746	-4	...	...	...	24.289	-1.969	0.85	...	...	...	20.511	-2.649	0.70	...	...
*	27.813	-36.602	1.30	51.I0685	9.4	*	24.242	-9.996	1.10	51.I0688	10.0	...	20.388	+38.762	-3	...	...
...	-27.805	-22.174	-3	...	...	...	-24.203	+38.376	-3	...	...	...	-20.376	+10.729	-4	...	...
...	27.750	-52.531	-5	...	...	...	24.134	+52.049	0.80	...	...	...	20.208	-4.245	-2	...	...
...	27.691	+29.699	-4	...	...	...	24.064	-53.284	-5	...	...	...	20.193	-40.156	-5	...	...
...	27.571	+19.267	0.90	...	...	...	24.062	+51.218	-5	M	...	...	20.078	+33.154	0.85	...	...
...	27.529	+37.594	-5	M	...	...	24.062	+16.349	-3	...	...	...	19.993	-24.113	-2	...	...
57I	-27.487	-21.564	-3	...	...	63I	-24.033	+41.318	-4	...	...	69I	-19.991	+32.846	-5	M	...
...	27.412	+19.426	-2	...	...	...	23.952	-36.490	-5	...	...	...	19.946	+44.486	-2	...	...
...	27.381	+41.851	-5	M	...	...	23.864	+45.916	-5	M	...	...	19.888	+14.771	-2	...	...
S *	27.364	+10.316	1.95	50.I0486	8.6	...	23.827	+14.760	-5	M	...	...	19.885	-11.517	-5	...	...
...	27.326	-1.717	-5	...	...	...	23.735	-6.819	0.90	...	...	...	19.799	-47.657	-5	...	...
*	-27.323	+31.876	0.95	50.I0488	10.2	...	-23.726	+3.009	-5	M	...	...	-19.788	+19.869	0.80	...	...
*	27.310	+27.504	1.20	50.I0487	9.6	...	23.709	+43.366	-3	...	...	...	19.675	-45.054	-5	...	...
...	27.283	+34.429	-5	M	...	...	23.699	-38.133	-5	...	...	...	19.576	-0.922	-5	...	...
...	27.272	-42.533	-5	...	...	...	23.680	-41.226	-4	...	...	...	19.540	-1.468	-3	...	...
*	27.162	-32.804	1.50	51.I0686	9.2	...	23.638	+30.864	-4	M	...	...	19.535	-38.239	-5	...	...
58I	-26.981	-43.020	-5	...	...	64I	-23.636	+21.752	-5	M	...	70I	-19.530	-52.415	-5	...	...
...	26.949	-53.755	-5	...	...	...	23.453	-16.692	-4	...	...	...	19.500	+36.992	-5	M	...
...	26.926	-43.889	-5	p	...	...	23.406	-52.592	-4	...	...	...	19.480	-56.602	-5	p	...
...	26.872	-1.361	-4	...	...	*	23.404	-7.480	1.40	51.I0690	9.2	...	19.371	-42.007	-5	...	...
†	26.852	+20.152	-5	...	...	*	23.278	-30.375	1.00	51.I0689	10.2	...	19.342	-30.734	-5	...	...
...	-26.824	+56.428	-5	...	...	...	-23.275	+11.748	-4	...	...	...	-19.290	-48.375	-5	...	...
...	26.770	-51.547	-2	...	...	...	23.223	+53.308	-4	...	...	*	19.115	+40.633	1.25	50.I0494	9.4
...	26.724	-52.749	-5	...	...	...	23.037	-14.191	-5	p	...	*	19.069	+2.626	1.10	50.I0493	9.0
...	26.549	+11.540	-5	M	...	...	23.029	-27.036	-5	p	...	...	19.021	+12.316	-5	...	...
...	26.529	+14.739	-4	...	...	...	23.004	+59.141	-1	...	...	...	18.974	+10.282	-2	...	...
59I	-26.372	+13.634	-5	...	...	65I	-22.945	-40.489	0.90	...	...	71I	-18.799	+12.927	-5	M	...
...	26.313	-38.830	-5	...	...	...	22.933	-13.445	-5	...	...	...	18.765	+14.864	-5	M	...
...	26.253	+32.569	-5	M	...	...	22.922	-21.373	-4	...	...	...	18.761	+56.013	-5	...	...
...	26.194	-50.726	-5	p	...	...	22.810	-55.930	-5	...	...	...	18.760	+3.919	-5	M	...
...	26.176	+5.339	0.70	...	...	...	22.753	-35.665	-3	...	...	...	18.743	-11.258	-5	...	...
...	-26.157	-6.828	-5	...	...	...	-22.728	-12.129	-5	p	...	*	-18.685	+19.495	1.00	50.I0495	10.2
...	26.088	-0.251	-4	...	...	...	22.667	-27.141	-4	...	...	*	18.675	-41.188	1.00	51.I0693	10.2
...	26.087	+9.059	-5	M	...	...	22.616	-36.862	-4	...	...	...	18.656	+22.080	-5	...	...
...	26.078	+46.638	-5	M	...	...	22.609	-14.842	-5	...	...	...	18.555	+50.205	-5	M	...
...	25.986	-12.988	-5	...	...	...	22.534	-36.146	-4	...	...	...	18.462	-14.952	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
721-780						781-840						841-900					
72I	-18.405	-54.633	-5	...	...	78I	-12.982	+29.596	-4	...	...	84I	-9.424	+40.925	-2	...	...
...	18.386	-27.488	-5	...	...	...	12.830	-40.437	0.85	...	...	...	9.419	-14.974	-2	...	...
...	18.365	-30.973	-5	...	...	...	12.772	-0.601	0.90	...	...	†	9.377	-44.596	-2	...	...
...	18.342	+10.454	-5	...	...	...	12.723	+15.321	0.70	...	...	...	9.319	+40.619	-5	...	...
...	18.325	+47.299	-5	M	...	...	12.642	+51.186	0.70	...	...	...	9.318	-14.437	-5	p	...
...	-18.309	+50.966	0.95	...	...	...	-12.508	-21.511	-5	...	...	...	-9.259	-0.224	0.90	...	...
...	17.956	-20.852	-4	...	...	...	12.336	-22.593	-3	...	...	†	9.218	+50.040	1.00	50.10500	9.8
...	17.865	+28.107	-5	M	...	...	12.327	-15.512	-2	...	...	...	9.154	+34.747	-5	M	...
...	17.679	-30.727	0.70	...	...	...	12.239	-10.664	-5	...	...	...	9.112	+34.358	-5	...	...
*	17.601	+0.624	1.00	50.10496	10.0	...	12.237	-55.505	-5	...	...	...	9.021	+18.160	0.90	...	...
73I	-17.596	-30.326	-5	...	...	79I	-12.233	+5.980	-5	M	...	85I	-8.958	+14.728	-4	M	...
...	17.567	+39.781	-5	M	...	*	12.142	+27.860	1.30	50.10498	9.6	†	8.843	-24.680	1.80	51.10699	9.0
...	17.455	+54.682	-5	...	...	...	12.097	+24.953	-5	M	...	...	8.793	+29.149	-5	M	...
...	17.443	-15.867	-5	...	...	...	11.998	+50.296	-5	M	...	...	8.783	+17.725	0.70	...	...
...	17.441	-54.066	-2	...	...	...	11.954	-50.230	-5	...	...	...	8.732	+19.831	0.80	...	...
...	-17.360	-36.161	-5	...	...	...	-11.918	-50.995	-5	...	...	...	-8.630	-25.466	0.70	...	...
...	17.206	+55.986	-1	...	...	*	11.896	-17.308	1.10	51.10694	10.0	...	8.477	+56.379	-5	M	...
*	17.200	+20.694	1.00	50.10497	10.2	...	11.877	-53.632	-4	...	...	...	8.223	-26.922	-5	...	...
...	17.110	+12.354	-3	...	...	...	11.862	+9.681	-5	M	...	...	8.158	-56.281	0.90	...	...
...	17.075	+42.716	-5	M	...	...	11.767	+6.856	-1	...	...	...	8.142	+35.933	-5	M	...
74I	-16.983	-8.535	1.25	51.10694	9.4	80I	-11.707	+35.042	-4	...	...	86I	-8.141	-2.391	-5	...	...
*	16.840	+20.859	-5	M	...	†	11.651	-46.193	-3	...	...	...	8.125	-2.575	-5	...	...
...	16.826	-50.671	-1	...	...	...	11.510	+12.549	-4	M	...	...	8.074	+38.451	-2	...	...
...	16.814	+28.104	0.80	...	...	...	11.494	+42.736	-3	...	...	*	7.908	+37.493	1.00	...	...
...	16.695	+5.270	-2	...	...	...	11.315	+38.182	0.95	...	...	...	7.807	+53.925	-3	...	...
...	-16.651	+43.837	0.80	...	...	...	-11.233	-34.205	-2	...	...	...	7.807	+53.925	-3	...	...
...	16.493	+38.938	-5	M	...	...	11.177	+56.620	-5	...	...	*	7.687	+49.051	-3	...	...
...	16.380	-43.224	-5	...	...	...	11.031	-28.524	0.70	...	...	...	7.684	-37.155	1.20	51.10700	9.6
...	16.229	-56.094	-5	...	...	†	11.000	-4.812	1.00	51.10697	10.2	...	7.648	+58.220	-5	M	...
...	16.145	-30.541	-5	...	...	...	10.954	+26.119	-5	M	...	...	7.626	+41.744	-3	...	...
75I	-16.096	+4.618	-3	...	...	81I	-10.892	-46.196	-4	...	...	87I	7.557	+39.036	-4	M	...
...	16.026	+31.323	-2	...	...	...	10.857	-50.742	0.65	...	...	...	-7.487	-23.336	-3	...	...
...	16.019	-3.928	-3	...	...	...	10.857	-50.742	0.65	...	...	*	7.353	+42.869	1.00	...	...
...	15.967	-2.888	-3	...	...	...	10.754	-6.946	-5	...	...	...	7.330	+30.317	-5	...	...
...	15.932	-16.033	-5	...	...	...	10.707	-39.828	-3	...	...	...	7.262	-5.721	-5	...	...
...	-15.881	-20.322	-2	...	...	...	10.676	-31.842	-5	...	...	...	7.262	-5.721	-5	...	...
...	15.783	+21.476	-3	...	...	...	-10.675	-48.562	-5	...	...	...	7.252	+1.814	-2	...	...
...	15.714	+47.682	-5	M	...	...	10.621	+17.343	-5	M	...	*	-6.842	+48.398	-3	...	...
...	15.569	+6.552	-2	...	...	...	10.593	+57.619	-1	...	...	*	6.629	+27.752	0.90	...	...
†	15.405	+37.891	-5	...	...	...	10.573	-44.514	-4	...	...	...	6.563	+27.784	0.90	...	...
76I	-15.268	-33.981	-2	...	...	82I	-10.499	-37.099	0.90	...	...	...	6.582	-2.824	-5	p	...
†	15.249	+34.766	-5	M	...	†	10.451	+4.831	-4	M	...	88I	6.521	+45.370	-5	M	...
...	15.169	+8.382	-5	M	...	†	10.408	+26.307	0.75	...	...	*	-6.520	-49.422	2.10	51.10701	8.4
...	15.097	-28.351	-5	...	...	†	10.364	-54.361	-4	...	...	...	6.470	+14.249	-5	M	...
...	15.000	+20.869	-5	M	...	†	10.257	+6.558	-5	M	...	...	6.308	-1.859	1.00	51.10702	10.2
*	-14.938	+44.151	1.00	...	...	...	10.222	+42.612	0.80	...	...	...	6.289	+29.576	-5	M	...
...	14.816	+56.614	-4	...	...	...	-10.218	-54.459	-5	...	...	...	6.267	+1.625	-5	M	...
...	14.541	+48.616	-5	M	...	...	10.186	+31.364	-5	...	...	...	-6.160	+41.518	-5	M	...
...	14.481	+34.684	-3	B	...	...	10.146	-26.465	-5	...	...	...	6.055	+14.199	-4	...	...
...	14.451	-47.461	-4	...	...	...	10.052	+1.148	-5	M	...	*	5.916	+45.467	-4	...	...
77I	-14.438	-49.229	-5	...	...	83I	10.050	+0.652	-4	...	...	...	5.774	-45.750	2.40	51.10703	8.4
...	14.399	+13.479	-5	M	...	...	-9.997	-1.205	-5	...	...	89I	5.694	+57.222	-5	M	...
...	14.372	+21.776	-4	...	...	...	9.896	-26.521	-5	...	...	...	-5.285	+27.200	-4	...	...
...	14.221	+59.765	-5	M	...	*	9.892	+12.399	-4	...	...	...	5.228	+27.716	-2	...	...
*	14.197	-46.646	1.00	...	...	...	9.846	+27.006	1.00	50.10499	10.2	...	5.093	+55.938	0.80	...	...
...	-14.140	-24.066	-5	...	...	*	9.788	-23.553	5	...	...	...	5.012	+59.307	-5	...	...
...	14.135	-55.186	-5	p	...	...	-9.770	-58.044	1.00	51.10698	10.2	*	5.001	-52.691	-5	...	...
...	13.388	+31.034	-5	M	...	...	9.769	+52.126	1.00	...	...	...	-4.929	-37.058	1.05	51.10704	10.0
...	13.285	-51.967	-5	...	...	*	9.654	-13.859	-3	...	...	...	4.739	+21.833	0.90	50.10501	10.2
*	13.073	-51.422	1.20	51.10695	9.8	...	9.543	+8.188	1.00	...	...	...	4.681	-40.324	-2	...	...
						...	9.432	+45.708	2	...	...	...	4.600	-13.081	-4	...	...
						...						...	4.537	-42.257	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
901-960						961-1020						1021-1080					
90I	-4.485	+38.408	0.75			96I	+0.094	-0.230	0.85			102I	+5.04I	-47.096	-4		
...	4.374	+13.923	-I			...	0.135	-18.297	-2			...	5.188	+35.498	-4		
...	3.872	+28.176	-5	M		...	0.148	-24.814	-5			...	5.328	+58.079	-5		
...	3.849	-51.144	-5			...	0.206	+26.898	-5	M		...	5.329	+52.655	0.85		
...	3.805	-7.44I	-3			...	0.255	-26.19I	-5			...	5.336	+15.960	0.65		
...	-3.747	-56.393	-I			...	+0.340	+4.945	-3			...	+5.459	+51.733	-5		
...	3.678	-57.446	-5			...	0.368	+23.129	-4			...	5.598	-57.217	-4		
...	3.62I	-52.392	-5			...	0.389	-27.959	-5			...	5.608	+59.680	-5		
...	3.567	-16.510	-5			...	0.405	+7.176	-2			...	5.622	+33.200	-5	m	
...	3.565	+21.074	0.90			...	0.410	-10.298	-5			...	5.703	-34.73I	-5		
9II	-3.55I	+55.806	-5	M		97I	+0.452	-37.475	0.90			103I	+5.798	-13.740	-5		
...	3.52I	+15.487	-5	M		...	0.465	-16.454	-2			...	5.896	-55.05I	-I		
*	3.318	+27.322	I.15	50.10502	9.6	...	0.465	-53.535	-5			...	5.932	+49.585	-5		
*	3.01I	+9.685	I.30	50.10503	9.6	...	0.535	+27.60I	-5	Mm		*	6.12I	-6.175	0.90		
...	2.988	+57.78I	-5			...	0.566	+4.516	-5	M		*	6.210	+46.765	I.00	50.1051I	10.2
...	-2.904	+44.458	-5	M		...	+0.729	-56.453	-5			...	+6.235	-43.607	-5		
...	2.900	-16.193	-5			...	0.814	+31.223	-5	M		...	6.289	+10.093	-5	m	
...	2.809	-57.05I	-5			...	0.925	-46.405	-5	p		...	6.362	+39.983	0.70		
*	2.732	+50.360	I.70	50.10504	9.0	...	0.966	-36.699	-3			*	6.364	+41.14I	I.50	50.10512	9.2
...	2.547	+24.790	-5	Mm		...	I.093	-18.369	-3			...	6.420	+26.267	-3		
92I *	-2.51I	+45.518	-4	M		98I	+I.217	-52.952	-5			104I	+6.572	-59.510	-5		
S *	2.488	+3.858	I.30	50.10505	9.6	...	I.238	-24.128	-5			...	6.676	-26.135	-4		
...	2.469	-58.592	-5			...	I.247	+20.540	-5	Mm		...	6.904	-42.916	-5		
...	2.449	+26.783	-3			...	I.253	-13.108	-5			...	6.912	-11.582	-5		
...	2.374	+45.868	-I			...	I.436	+48.457	-3			...	6.953	+24.199	-3		
...	-2.366	-31.693	-5			...	+I.502	+8.315	-2			...	+6.96I	-33.755	-4		
...	2.336	+38.505	0.95			...	I.588	+29.613	-5	Mm		...	6.982	-12.373	-5		
...	2.325	+48.567	-2			...	I.769	-46.132	-5	p		*	7.043	-8.762	I.40	51.10708	9.4
...	2.316	-27.777	-4			...	2.14I	+52.846	-5			...	7.098	+6.485	-3		
...	2.287	-43.80I	-3			...	2.455	+37.07I	-2			...	7.100	+41.735	-5		
93I *	-2.243	+23.446	I.20	50.10506	9.6	99I	+2.503	-43.352	-5	p		105I	+7.246	-31.750	-4		
*	2.187	+52.627	0.95			*	2.505	-55.603	I.10	51.10706	9.6	...	7.269	-40.963	-5		
...	2.123	+20.799	-3			...	2.573	+9.039	-5	M		...	7.398	+18.393	0.70		
...	2.089	+29.180	0.90			...	2.619	-37.480	-5			...	7.455	+42.568	-3		
...	2.060	+51.359	-3			...	2.674	-20.653	-5	p		...	7.485	-52.558	-5	p	
...	-2.058	+38.392	-5	M		S *	+2.710	+49.514	2.10	50.10510	8.6	...	+7.495	-16.360	0.75		
...	I.950	-9.295	-I			...	2.962	-13.266	-5			...	7.578	+16.095	-4		
*	I.90I	+19.245	I.15	50.10507	9.7	...	2.970	+6.010	-4			...	7.704	-41.107	-5	p	
...	I.628	-33.684	-5			...	3.037	+58.657	-5			...	7.706	-45.598	0.75		
...	I.545	-53.094	-5			...	3.04I	+I.552	-5	m		*	7.839	-16.935	0.90		
94I	-I.525	+21.51I	-5	M		100I	+3.154	-3.980	I.00	51.10707	10.2	106I	+7.91I	-19.652	-5		
...	I.423	-40.492	-4			*	3.334	+21.853	0.75			...	7.945	+8.263	-2		
...	I.372	+39.00I	-2			...	3.356	-39.549	-5			*	7.976	+47.237	I.40	50.10513	9.1
...	I.269	+7.872	-5	M		...	3.659	+16.537	0.90			...	8.049	+47.488	0.85		
...	I.193	+23.708	-3			...	3.662	+25.944	-2			...	8.115	+21.33I	-2		
*	-I.153	+10.386	I.00	50.10508	10.2	...	+3.774	+24.458	-3			...	+8.276	+20.440	0.65		
...	I.015	-24.053	-5	p		...	3.955	-21.96I	-5			...	8.424	-30.686	-5		
...	0.877	+38.859	-4	M		...	3.982	+36.826	-2			...	8.474	+16.844	-3		
...	0.864	-11.648	-5	p		...	4.09I	-26.164	0.75			...	8.52I	+59.203	0.80		
...	0.856	+39.920	-3			...	4.217	-I.015	-5			...	8.552	+30.780	-5		
95I	-0.845	-8.520	-5			101I	+4.359	-34.99I	0.70			107I	+8.644	-38.275	-4		
*	0.842	-14.256	I.00	51.10705	9.8	...	4.363	+37.506	-3			...	8.752	+59.77I	-5	m	
...	0.808	+54.420	-5			...	4.430	-23.915	0.70			...	8.757	-15.755	-5		
...	0.798	+8.468	-3			...	4.502	+29.538	-2			...	9.219	+12.260	-5		
...	0.632	-11.360	0.70			...	4.506	+20.669	-5			...	9.32I	-18.137	-5		
...	-0.530	+46.936	-5	Mm		...	+4.692	+29.500	-4			...	+9.368	+46.003	0.65		
...	0.218	+27.854	-5	M		*	4.749	+19.59I	0.95			...	9.446	+42.00I	-5		
...	0.173	+56.583	-I			...	4.77I	+41.777	-5	m		...	9.466	-55.31I	-2		
...	-0.173	+48.273	-4			...	4.803	+35.803	-5	m		...	9.504	+58.455	-5		
*	+0.040	+24.692	2.00	50.10509	8.9	...	4.929	-36.290	-4			†	9.580	-15.342	-5		

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1081-1140						1141-1200						1201-1260					
I081	...	...	...	...	...	I141	...	...	...	...	...	I201	...	...	...	...	...
...	+9.708	+36.033	0.80	...	...	...	+13.569	-25.689	-5	...	...	...	+16.838	+48.780	-4	...	...
...	9.740	+18.936	-5	...	...	...	I3.689	-17.901	0.70	...	...	...	I6.858	-26.061	-5	p	...
...	9.889	-41.303	-5	...	...	...	I3.891	-52.513	0.80	...	...	...	I6.928	-21.582	-5	p	...
...	9.942	+25.488	-5	...	...	...	I3.961	-7.441	-4	...	...	...	I7.061	+52.711	-1	...	...
...	I0.158	-29.089	-5	...	...	...	I3.997	-29.280	-5	...	...	...	I7.090	-29.857	-5	...	...
*	+I0.159	+33.054	I.30	50.I0514	9.1	...	+I4.009	+28.205	-5	...	...	...	+I7.145	-7.107	0.95	...	...
...	I0.213	+22.086	-5	m	...	...	I4.024	-26.199	-5	...	...	*	I7.185	-51.662	I.00	51.I0714	I0.2
...	I0.328	+44.610	-5	...	...	...	I4.145	+38.860	-3	...	...	...	I7.188	+19.956	-4	m	...
...	I0.363	-52.364	-5	...	...	*	I4.153	-47.231	I.00	...	...	...	I7.411	+49.895	-4	...	...
S *	I0.392	-38.671	3.55	51.I0709	7.6	*	I4.226	+35.291	I.00	50.I0516	I0.2	...	I7.457	+26.244	-5	...	...
I091	...	...	...	...	...	I151	...	...	...	...	...	I211	...	...	...	...	...
...	+I0.409	+8.620	-1	...	...	...	+I4.245	-24.091	0.70	...	...	...	+I7.561	+56.288	-1	...	...
...	I0.445	+54.967	-5	...	...	...	I4.266	-8.859	-5	...	...	...	I7.716	-39.077	-5	p	...
...	I0.460	-59.280	0.95	...	...	...	I4.313	+14.271	0.70	...	...	...	I7.738	+31.007	0.75	...	...
...	I0.524	-36.000	-5	p	...	...	I4.363	-30.401	-2	...	...	...	I7.761	-27.310	-4	...	...
...	I0.529	+8.985	-5	...	...	...	I4.391	+41.721	-4	...	...	...	I7.801	-12.862	-5	p	...
...	+I0.579	+25.458	-2	...	...	...	+I4.441	+26.423	-4	...	...	...	+I7.801	-53.088	-5	...	...
...	I0.691	-35.963	-5	p	...	...	I4.463	+12.336	0.70	...	...	...	I7.816	+11.550	-3	...	...
...	I0.768	+6.933	-4	...	...	...	I4.479	-21.747	-5	...	...	...	I7.964	-27.473	-5	...	...
...	I0.915	-47.870	0.85	...	...	...	I4.502	-20.501	-5	...	...	*	I7.995	+48.309	I.05	50.I0518	I0.2
...	I0.974	-12.711	-5	...	...	...	I4.702	-20.534	-5	...	...	...	I8.163	-12.324	0.95	...	...
I101	...	...	...	...	...	I161	...	...	...	...	...	I221	...	...	...	...	...
...	+I0.998	+55.267	-5	...	...	...	+I4.811	+46.043	-5	...	...	...	+I8.215	+13.627	-3	...	...
...	II.010	+48.781	-5	m	...	...	I4.811	+42.245	-4	...	...	...	I8.266	+35.452	-5	...	...
...	II.098	-5.039	-2	...	...	...	I4.829	-21.767	-5	p	...	*	I8.448	+50.272	I.15	50.I0519	9.7
...	II.151	+52.163	-2	...	...	...	I4.871	+39.080	I.00	...	...	...	I8.461	+24.803	-5	m	...
...	II.214	+46.575	-5	...	...	...	I4.874	+26.394	-5	...	...	...	I8.496	+53.674	-5	...	...
*	+II.227	+39.840	0.95	...	...	...	+I4.881	+32.850	-3	...	...	...	+I8.507	-17.266	-4	...	...
...	II.271	-1.294	0.75	...	...	†	I4.963	-34.725	-5	...	...	...	I8.565	-37.675	-3	...	...
...	II.272	+2.473	-5	...	...	...	I4.976	+19.870	-4	...	...	...	I8.634	+16.199	-5	...	...
...	II.476	-6.978	-4	...	...	...	I4.994	+26.322	-4	...	...	...	I8.637	-16.661	-5	p	...
*	II.490	-13.590	I.00	51.I0710	I0.0	...	I5.030	-47.342	0.70	...	...	...	I8.669	+51.837	-3	...	...
I111	...	...	...	...	...	I171	...	...	...	...	...	I231	...	...	...	...	...
...	+II.588	+4.463	0.70	...	...	...	+I5.046	-19.145	-5	...	...	...	+I8.676	-40.266	-5	p	...
...	II.681	-5.081	-5	p	...	...	I5.191	+19.698	-5	...	...	...	I8.697	+53.766	-4	...	...
...	II.685	-31.139	-2	...	...	...	I5.192	+25.062	-5	m	...	...	I8.701	+6.813	-4	...	...
...	II.801	+56.342	-5	...	...	...	I5.202	+10.881	-5	...	...	...	I8.702	+9.401	-5	m	...
...	II.862	+26.073	-5	m	...	...	I5.472	+32.433	-3	...	...	...	I8.744	-39.352	-5	p	...
...	+II.994	+17.911	-5	...	...	...	+I5.499	-39.809	-5	...	...	...	+I8.879	-24.676	I.00	51.I0715	I0.2
...	I2.020	-24.096	0.80	...	...	...	I5.624	+28.758	-5	...	...	...	I9.054	-35.677	-3	...	...
*	I2.206	-23.208	I.20	51.I0711	9.6	...	I5.662	-33.111	-5	p	...	...	I9.083	-50.164	-4	...	...
...	I2.232	-51.548	-5	...	...	...	I5.665	+8.070	-5	...	...	...	I9.111	+38.902	-5	...	...
...	I2.335	+38.167	-2	...	...	...	I5.707	+28.943	-5	...	...	...	I9.157	-34.399	-4	...	...
I121	...	...	...	...	...	I181	...	...	...	...	...	I241	...	...	...	...	...
...	+I2.346	-11.739	-5	...	...	...	+I5.723	-17.417	-4	...	...	...	+I9.187	+46.172	-4	...	...
...	I2.534	+36.818	-5	...	...	*	I5.728	+48.144	I.00	50.I0517	I0.2	...	I9.266	+41.758	-4	...	...
...	I2.537	-31.532	-2	...	...	...	I5.752	+11.073	-5	...	...	...	I9.299	+17.684	-2	...	...
...	I2.567	+50.114	I.05	50.I0515	I0.2	...	I5.769	-50.494	-5	...	...	...	I9.300	-25.110	-4	...	...
...	I2.585	+52.948	-3	...	...	...	I5.860	-56.332	0.90	...	...	...	I9.444	-16.823	I.00	51.I0716	I0.2
...	+I2.650	+15.346	-5	m	...	...	+I5.898	-45.669	-5	p	...	...	+I9.509	-9.366	0.95	...	...
...	I2.769	-25.045	-5	...	...	...	I5.929	-48.991	-5	...	...	...	I9.621	+45.431	-5	...	...
...	I2.812	-7.117	0.85	...	...	...	I5.944	+41.893	-4	...	...	...	I9.659	+16.393	-5	m	...
...	I2.827	-52.310	-5	...	...	...	I5.973	-40.764	-5	...	...	...	I9.709	+42.251	-5	...	...
...	I2.927	+37.403	-3	...	...	...	I5.981	+20.659	-4	...	...	...	I9.746	-17.193	-5	...	...
I131	...	...	...	...	...	I191	...	...	...	...	...	I251	...	...	...	...	...
*	+I3.087	+25.449	0.95	...	...	*	+I6.020	-3.161	I.05	51.I0712	I0.2	*	+I9.759	+7.667	I.05	50.I0520	I0.0
...	I3.101	+51.009	-2	...	...	...	I6.038	-18.256	I.05	51.I0713	I0.0	...	I9.926	+56.954	-2	...	...
...	I3.179	+15.517	-5	...	...	...	I6.152	+40.513	-4	...	...	...	I9.931	-38.834	-5	...	...
*	I3.212	-56.116	I.00	...	...	...	I6.211	-19.967	-5	p	...	...	I9.933	+8.883	-5	m	...
...	I3.238	-23.487	-5	...	...	...	I6.336	+41.139	0.85	...	...	...	20.091	+19.630	-2	...	...
...	+I3.312	-51.597	-3	...	...	...	+I6.465	+26.132	-5	...	...	...	+20.194	-39.425	-5	...	...
...	I3.433	-17.407	0.95	...	...	...	I6.529	+19.567	-5	...	...	...	20.351	+12.888	0.90	...	...
...	I3.509	+32.219	-5	m	...	...	I6.603	+4.116	-3	...	...	...	20.466	-10.981	0.95	51.I0717	I0.2
...	I3.538	+27.204	-2	...	...	...	I6.665	+2.046	-5	m	...	...	20.602	-12.694	-5	...	...
...	I3.550	-21.416	-5	...	...	...	I6.777	+8.567	-5	m	...	...	20.625	+2.401	0.90	...	...

Co-ordinates.						Diam.	C.P.D.			Co-ordinates.						Diam.	C.P.D.						
Notes.	x.		y.		0.05.	No.	Mag.	Notes.	x.		y.		0.65.	No.	Mag.	Notes.	x.		y.		0.05.	No.	Mag.
1261-1320																							
I26I	...	+20.729	...	+12.903	0.70	...	...	I32I	...	+24.141	...	-1.747	-2	...	...	I38I	...	+27.262	...	-45.748	-5	...	...
...	...	20.740	...	+40.760	-1	...	...	...	...	24.263	...	+8.047	-5	...	...	...	...	27.316	...	-26.190	-4	...	...
...	...	20.788	...	-12.002	-5	...	...	...	...	24.266	...	+53.882	-5	...	...	...	...	27.377	...	-32.552	0.95	...	...
...	...	20.854	...	-6.916	-2	...	...	...	...	24.321	...	+2.540	0.70	...	...	*	...	27.402	...	-41.707	1.90	5I.I072I	8.6
...	...	20.867	...	-22.964	0.70	...	...	...	...	24.390	...	-47.265	0.80	...	...	...	...	27.456	...	+28.343	-4	...	...
...	...	+21.023	...	-1.317	-5	...	...	...	...	+24.446	...	-8.357	-5	...	...	...	...	+27.461	...	-21.290	-5	...	...
...	...	21.046	...	-21.618	-5	p	...	...	...	24.468	...	+28.700	-5	m	...	...	...	27.462	...	+38.280	-4	...	...
...	...	21.227	...	+4.117	0.85	...	...	†	...	24.513	...	-20.336	-1	...	...	...	...	27.484	...	-1.130	-5	...	...
...	...	21.318	...	-42.836	-5	...	...	†	...	24.574	...	-54.744	1.00	5I.I0719	9.8	...	...	27.491	...	-23.335	-4	...	...
...	...	21.390	...	+41.779	-5	...	...	...	...	24.644	...	-40.459	-5	...	...	...	...	27.513	...	-53.920	-1	...	...
I27I	...	+21.510	...	+27.056	0.70	...	...	I33I	...	+24.660	...	-54.923	-3	...	...	I39I	†	+27.549	...	-9.817	-5	p	...
...	...	21.569	...	-50.567	0.90	...	...	...	...	24.685	...	+40.842	-5	m	...	...	...	27.557	...	-40.613	0.70	...	...
...	...	21.642	...	-59.019	-4	...	...	...	...	24.689	...	-28.322	-3	...	...	...	...	27.720	...	+6.460	-3	...	...
*	...	21.671	...	+20.884	1.00	...	...	...	...	24.723	...	-23.439	-5	...	...	...	...	28.028	...	-31.483	-5	...	...
...	...	21.743	...	+51.233	-5	...	...	...	...	24.735	...	+43.167	0.75	...	...	...	...	28.031	...	-2.249	-5	p	...
...	...	+21.764	...	+19.822	-5	m	...	...	...	+24.886	...	+12.354	0.65	...	...	...	...	+28.073	...	+24.370	-5	...	...
...	...	21.790	...	+44.101	-5	...	...	...	...	24.892	...	-29.501	0.75	...	...	...	...	28.080	...	+25.442	-5	m	...
...	...	21.951	...	-30.689	0.85	...	...	...	...	25.057	...	-13.813	-5	...	...	...	...	28.143	...	-12.144	-4	...	...
...	...	21.988	...	+44.598	-5	...	...	*	...	25.061	...	-40.309	1.05	5I.I0720	9.2	...	...	28.164	...	-41.160	-3	...	...
...	...	22.007	...	-36.990	-4	...	...	*	...	25.076	...	-40.244	1.20	...	...	...	...	28.311	...	+18.140	-2	...	...
I28I	...	+22.093	...	+42.970	-5	...	...	I34I	...	+25.068	...	-41.582	0.80	...	...	I40I	...	+28.536	...	+21.576	-5	m	...
*	...	22.109	...	+24.748	0.95	...	...	...	...	25.080	...	+31.735	-4	...	...	*	...	28.603	...	-29.234	1.70	5I.I0722	9.0
...	...	22.128	...	-58.104	-5	...	...	...	...	25.088	...	+38.694	-3	...	...	...	...	28.693	...	+56.159	-5	...	...
...	...	22.393	...	-50.806	-3	...	...	...	...	25.192	...	-10.089	-4	...	...	...	...	28.721	...	+46.722	-5	...	...
...	...	22.396	...	-5.255	-5	...	...	†	...	25.194	...	+20.110	-5	m	...	...	...	28.787	...	+10.712	-5	m	...
...	...	+22.493	...	-57.111	-3	...	...	...	...	+25.194	...	-26.987	-2	...	...	...	...	+28.916	...	+5.266	-5	...	...
...	...	22.567	...	-21.397	-5	p	...	...	...	25.230	...	+55.162	-5	m	...	...	...	28.975	...	+21.442	-5	...	...
...	...	22.631	...	-18.247	-5	...	...	*	...	25.239	...	+27.554	1.10	50.I0523	9.7	*	...	29.035	...	+33.277	2.00	50.I0525	8.6
...	...	22.747	...	+10.646	0.80	...	...	...	...	25.442	...	+6.100	-5	...	...	...	...	29.101	...	+20.641	-5	...	...
...	...	22.764	...	+40.550	0.70	...	...	...	...	25.487	...	+8.919	-5	m	...	...	...	29.257	...	+58.873	1.00	50.I0526	10.2
I29I	...	+22.830	...	-56.936	-5	...	...	I35I	...	+25.639	...	-39.410	-2	...	...	I41I	*	+29.337	...	+11.525	1.20	50.I0527	9.8
...	...	22.865	...	+57.058	-5	...	...	...	...	25.642	...	-10.842	-5	...	...	†	...	29.493	...	-27.748	-3	...	...
...	...	22.931	...	+15.336	-2	...	...	...	...	25.644	...	+28.877	-5	m	...	...	...	29.635	...	+4.382	-3	...	...
*	...	22.937	...	+59.340	1.10	50.I0521	10.2	...	...	25.650	...	-28.708	-2	...	...	...	...	29.787	...	+5.566	-2	...	...
...	...	22.947	...	+25.343	-5	m	...	...	...	25.658	...	-26.238	-5	...	...	...	...	29.896	...	+0.502	-5	...	...
...	...	+23.017	...	+16.640	-5	m	...	...	...	+25.660	...	-47.820	-5	p	...	...	...	+29.952	...	-23.462	0.70	...	...
...	...	23.022	...	+30.238	-5	m	...	...	...	25.692	...	-24.951	-2	...	...	...	...	30.009	...	+8.491	-5	m	...
*	...	23.055	...	-25.482	1.05	5I.I0718	9.8	...	...	25.695	...	+37.964	-4	...	...	†	...	30.035	...	-34.653	-5	...	...
...	...	23.153	...	-49.737	-3	...	...	...	...	25.740	...	+54.131	-5	...	...	...	...	30.114	...	-28.912	-5	...	...
...	...	23.164	...	-49.201	-4	...	...	...	...	25.750	...	+32.424	0.75	...	...	*	...	30.176	...	-0.474	1.20	5I.I0723	9.8
I30I	...	+23.209	...	-10.786	0.90	...	...	I36I	...	+25.836	...	-53.105	-2	...	...	I42I	...	+30.193	...	-10.908	0.85	...	...
...	...	23.228	...	+44.753	-5	m	...	...	...	25.866	...	+29.323	-3	...	...	...	...	30.199	...	-1.554	0.65	...	...
...	...	23.253	...	-12.274	0.90	...	...	...	...	26.018	...	+44.529	0.90	...	...	...	...	30.217	...	-40.895	-5	...	...
...	...	23.268	...	-47.915	0.85	...	...	...	...	26.117	...	-47.353	-4	...	...	...	...	30.239	...	-48.075	-4	...	...
...	...	23.367	...	-34.286	-5	...	...	...	...	26.151	...	+26.542	0.70	...	...	...	...	30.311	...	-41.597	0.95	...	...
...	...	+23.532	...	-52.988	-5	...	...	...	...	+26.232	...	+25.551	0.85	...	...	...	...	+30.372	...	+50.898	-5	m	...
...	...	23.599	...	-49.399	-5	...	...	...	...	26.328	...	-33.972	-5	p	...	...	...	30.481	...	+57.004	-5	...	...
...	...	23.662	...	+16.074	-5	...	...	...	...	26.362	...	-53.499	-4	...	...	...	...	30.506	...	+6.669	-5	...	...
...	...	23.686	...	+0.390	-5	...	...	*	...	26.554	...	+51.495	1.30	50.I0524	9.6	*	...	30.641	...	-23.254	0.90	...	...
...	...	23.690	...	+31.084	-3	...	...	...	...	26.559	...	-43.641	-5	...	...	...	...	30.645	...	-28.619	-5	...	...
I31I	...	+23.702	...	+5.745	-5	...	...	I37I	...	+26.570	...	-10.254	-5	...	...	I43I	...	+30.651	...	-22.662	-5	...	...
...	...	23.756	...	-57.374	-5	...	...	...	...	26.603	...	+17.777	-4	...	...	...	...	30.674	...	+36.867	-5	...	...
...	...	23.812	...	+53.126	-5	m	...	...	...	26.789	...	-50.268	-4	...	...	...	...	30.760	...	-1.637	-2	...	...
...	...	23.847	...	+48.109	-5	m	...	...	...	26.796	...	-4.027	-5	p	...	...	...	30.847	...	+51.412	-5	...	...
...	...	23.899	...	+42.413	-5	...	...	...	...	26.895	...	+21.004	0.90	...	...	...	...	30.873	...	+55.892	-1	...	...
*	...	+23.944	...	+25.938	2.00	50.I0522	9.0	...	...	+27.038	...	-19.244	-3	...	...	...	...	+30.913	...	+30.457	-4	...	...
...	...	23.949	...	-40.175	-3	...	...	...	...	27.070	...	+23.940	-5	m	...	*	...	30.914	...	-7.616	1.20	5I.I0724	9.6
...	...	23.952	...	-18.104	-5	...	...	...	...	27.108	...	-32.006	-4	...	...	*	...	30.930	...	-8.612	0.90	...	...
...	...	24.022	...	-24.366	0.90	...	...	...	...	27.109	...	+44.882	-5	...	...	...	...	30.949	...	-6.210	-2	...	...
...	...	24.132	...	+42.589	-5	...	...	...	...	27.205	...	-19.373	0.85	...	...	*	...	31.000	...	+8.436	1.15	50.I0528	9.6

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1441-1500						1501-1560						1561-1620					
I44I	+31°018	-21°546	-5	...	...	I50I	+35°142	+39°258	-5	...	...	I56I	+38°736	-16°586	1°00	51.10728	10°0
...	31°098	+6°489	-2	...	...	...	35°196	+58°585	-1	...	...	...	38°765	+1°264	-5	m	...
†	31°105	-9°795	0°70	...	...	†	35°235	+10°241	-5	m	...	...	38°824	-23°730	-5	...	...
...	31°208	-43°321	-5	p	...	...	35°252	-52°888	-1	...	...	...	38°910	+20°048	0°75	...	...
...	31°263	-1°893	-3	...	...	...	35°333	+11°543	-5	m	...	*	39°042	-45°200	4°00	51.10729	7°4
...	+31°288	+58°516	-5	...	...	...	+35°568	-21°287	-5	...	...	...	+39°089	-9°980	-5	...	...
*	31°303	+35°234	1°10	50.10529	10°0	...	35°604	+24°621	-4	...	...	...	39°176	-43°734	-3	...	...
...	31°448	-41°718	0°90	...	...	...	35°715	-58°812	-5	...	...	...	39°243	-53°317	-5	p	...
...	31°537	+30°908	-5	...	...	*	35°842	+16°337	1°20	50.10530	9°6	...	39°317	+36°378	-4	...	...
...	31°537	-33°685	0°90	...	...	...	35°999	+51°128	-5	...	...	*	39°376	-18°249	1°40	51.10730	9°2
I45I	+31°710	-15°130	0°80	...	...	I51I	+36°163	+14°624	-5	m	...	I57I	+39°433	+0°452	1°15	50.10531	9°9
...	31°726	+42°834	-5	m	...	...	36°333	+10°819	-4	...	...	†	39°446	-9°788	-3	...	...
*	31°769	-35°011	1°00	51.10725	10°0	...	36°361	-57°049	0°75	...	...	...	39°475	-12°292	-4	...	...
...	32°026	+8°222	0°70	...	...	...	36°440	+12°248	1°00	...	...	†	39°538	-43°727	-5	...	...
...	32°074	-7°009	-5	...	...	...	36°467	+47°981	-4	...	...	†	39°606	-12°427	-3	...	...
...	+32°088	-8°956	0°75	...	...	...	+36°494	-13°962	-5	p	...	...	+39°620	+20°531	-5	...	...
...	32°196	-10°650	-5	...	...	...	36°527	+2°265	-5	...	...	...	39°753	-39°910	-2	...	...
...	32°217	-35°978	-5	...	...	...	36°536	-56°577	-3	...	...	...	39°755	-15°329	-3	...	...
...	32°378	+21°239	0°90	...	...	*	36°545	-46°275	1°00	51.10727	10°2	...	39°828	+53°897	-5	...	...
...	32°506	+37°236	-4	...	...	...	36°571	+57°020	-5	m	...	...	39°855	+15°268	-5	...	...
I46I	+32°637	-20°928	-5	...	...	I52I	+36°646	+25°268	-4	...	...	I58I	+39°875	-13°124	-5	...	...
†	32°738	+40°032	-5	m	...	...	36°679	+23°636	-5	m	...	...	39°884	-37°844	-4	...	...
...	32°752	+11°672	-5	...	...	*	36°780	+30°357	0°90	...	...	...	39°955	+25°266	-4	...	...
...	33°035	-28°668	-2	...	...	...	36°792	-27°538	-5	...	...	...	39°955	+13°934	-3	...	...
...	33°109	-6°613	-5	...	...	...	36°828	+47°610	-3	...	...	...	39°987	-27°885	-3	...	...
...	+33°146	+37°238	-5	...	...	...	+36°934	+24°936	0°95	...	...	*	+40°054	+22°201	1°00	50.10532	10°2
...	33°171	+22°563	-5	...	...	...	36°936	+40°286	-5	m	...	...	40°094	-14°543	-2	...	...
...	33°222	+49°135	-2	...	...	...	36°941	+13°052	-5	m	...	...	40°103	+59°955	1°05	49.10425	10°2
...	33°289	+49°965	-5	m	...	...	36°955	-20°115	-4	...	...	...	40°155	+43°100	-5	m	...
...	33°455	+30°591	0°95	...	...	...	36°960	-39°525	-1	...	...	*	40°185	-41°378	1°20	51.10731	9°6
I47I	+33°464	-31°057	-5	p	...	I53I	+36°964	-55°161	-3	...	...	I59I	+40°196	+36°425	-5	m	...
...	33°630	+19°371	-5	...	...	...	36°990	-17°959	-5	...	...	...	40°242	-43°708	-5	...	...
...	33°644	+2°065	-5	...	...	...	36°997	-6°287	-2	...	...	...	40°284	+19°801	-5	m	...
...	33°737	+10°287	0°75	...	...	...	37°093	-4°409	0°90	...	...	...	40°296	-10°984	0°75	...	...
...	33°758	-2°132	-5	...	...	...	37°128	-49°963	-5	p	...	...	40°328	+5°478	-3	...	...
...	+33°773	-59°275	-5	...	...	...	+37°297	-29°403	-3	...	...	†	+40°334	+5°271	-5	m	...
...	33°810	-49°002	-4	...	...	...	37°304	-10°887	-5	p	...	†	40°370	+35°087	1°70	50.10533	9°1
...	33°847	-16°509	0°80	...	...	...	37°359	-4°100	-5	p	...	...	40°414	+18°164	-3	...	...
...	33°913	-6°251	0°70	...	...	*	37°363	+15°845	1°00	...	...	...	40°459	+0°298	0°75	...	...
...	34°188	+2°312	0°70	...	...	...	37°532	+23°129	-4	...	...	...	40°474	-8°019	-5	...	...
I48I	+34°206	+21°462	-5	...	...	I54I	+37°547	+7°264	-5	...	...	I60I	+40°500	+10°287	0°80	...	...
*	34°211	-15°965	2°00	51.10726	8°8	†	37°696	+5°158	-5	m	...	...	40°584	-42°171	-5	...	...
...	34°213	+36°460	1°00	...	...	...	37°709	+52°724	-5	...	...	...	40°720	-39°004	-5	p	...
...	34°286	+46°232	-5	...	...	...	37°777	-16°474	-5	p	...	...	40°797	-9°654	-5	...	...
...	34°316	+47°797	-2	...	...	...	37°854	+54°707	-5	m	...	...	40°898	+10°528	-5	...	...
...	+34°363	-33°903	-2	...	...	...	+37°854	-6°447	-5	...	...	...	+40°951	-6°614	-2	...	...
†	34°460	-38°553	-5	...	...	...	37°893	-4°694	-5	...	...	...	41°036	+42°099	-5	m	...
†	34°583	+33°664	0°65	...	...	...	37°918	-22°219	-3	...	...	...	41°134	+15°697	0°70	...	...
...	34°671	+29°090	-5	m	...	...	37°925	+22°845	-4	a	...	...	41°163	-41°130	-2	...	...
...	34°681	-57°199	-3	...	...	...	38°069	-30°273	-4	...	...	...	41°365	+9°435	-5	...	...
I49I	+34°743	+41°166	-5	m	...	I55I	+38°083	-43°592	-5	...	...	I61I	+41°371	+32°597	-1	...	...
...	34°761	-43°549	-5	...	...	...	38°113	+14°354	-5	...	...	...	41°375	-29°849	0°85	...	...
...	34°803	+31°801	-5	m	...	...	38°204	+6°523	-5	...	...	...	41°420	-51°352	-5	...	...
...	34°849	-16°964	-5	...	...	...	38°207	+24°311	0°80	...	...	...	41°453	-7°293	-3	...	...
...	34°892	+6°686	-5	...	...	...	38°210	-56°589	0°65	...	...	...	41°465	-13°137	-2	...	...
...	+34°970	+27°548	-5	...	...	...	+38°331	-3°991	-4	...	...	...	+41°551	-49°547	-4	...	...
...	35°051	+49°320	-3	...	...	*	38°450	-40°043	0°90	...	...	*	41°602	-35°538	1°20	51.10732	9°9
...	35°059	-26°294	-5	...	...	...	38°535	-56°998	0°65	...	...	...	41°611	-8°322	-2	...	...
...	35°116	+22°300	-2	...	...	...	38°592	+38°271	-5	m	...	...	41°629	+22°842	-2	...	...
...	35°118	+1°680	-4	...	...	*	38°630	-42°543	0°90	...	...	...	41°723	+59°644	-5	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1621-1680						1681-1740						1741-1800					
I62I	+41°733	-17°043	0.85	...	...	I68I	+45°854	-46°838	1.40	51.10736	9.6	I74I	+49°649	-0°353	1.20	50.10541	10.0
...	41°824	-41°806	-5	...	...	...	45°884	+42°236	-5	...	...	...	49°696	+46°788	-5	...	...
...	41°866	-4°049	-5	...	...	...	45°917	-40°476	-3	...	...	...	49°697	+32°795	-5	...	...
n *	41°927	+21°276	1.00	50.10534	10.0	...	45°923	-29°874	-5	...	...	...	49°701	+49°184	-5	...	...
...	41°941	-27°510	0.80	...	...	...	45°940	+8°003	0.70	...	...	...	49°793	+43°960	-2	...	...
n *	+42°041	+21°192	0.95	50.10534	10.0	...	+45°981	+51°477	-2	...	...	...	+49°850	-51°652	-5	...	...
...	42°082	+56°880	-1	...	...	...	45°995	+34°258	-4	...	...	S *	50°036	-18°786	1.80	51.10738	9.0
...	42°101	+52°721	-5	...	...	...	46°110	+29°336	-3	...	...	...	50°433	-37°913	-5	...	...
...	42°211	+53°872	-5	...	...	†	46°303	-39°732	-4	...	...	...	50°467	+16°782	-5	m	...
...	42°220	-14°319	-3	...	...	...	46°318	-19°968	-4	...	...	...	50°635	-34°171	1.05	51.10741	10.2
I63I	+42°362	+40°432	-5	...	...	I69I	+46°325	+37°491	-4	...	...	I75I	+50°738	+0°643	-2	...	...
*	42°474	-24°550	1.00	51.10733	10.2	...	46°357	-20°602	-5	...	...	*	50°749	-22°881	1.20	51.10740	9.6
...	42°510	-53°196	-4	...	...	...	46°412	+5°642	-5	...	...	*	50°753	-9°496	1.15	51.10739	9.6
*	42°613	-42°027	0.95	...	...	...	46°490	+27°119	-5	m	...	...	50°840	-19°328	-4	...	...
*	42°662	+14°537	1.15	50.10535	9.6	...	46°574	+4°040	-4	...	...	...	50°845	-2°105	0.90	...	...
...	+42°682	+36°585	-2	...	...	...	+46°584	-46°290	-4	...	...	*	+50°902	-32°110	1.10	51.10742	10.2
...	42°729	-11°768	-5	...	...	*	46°612	-23°796	0.90	...	...	...	51°189	-34°889	1.00	...	...
...	42°774	-33°090	0.90	...	...	*	46°642	+53°791	7.55	50.10538	4.2	...	51°235	-3°042	-5	...	...
*	42°809	-31°619	1.00	51.10734	10.2	...	46°668	-28°877	-4	...	...	...	51°364	+59°072	-1	50.10542	10.2
...	42°812	+23°705	-4	...	...	...	46°876	+0°956	-2	...	...	†	51°510	+10°241	-5	...	...
I64I	+42°920	-28°186	-5	...	...	I70I	+46°958	-10°048	-3	...	...	I76I	+51°664	-25°110	1.40	51.10743	9.2
...	42°969	-26°112	0.90	...	...	...	47°014	+25°928	-3	...	...	...	51°702	-32°463	-5	...	...
...	43°040	+10°572	-5	...	...	*	47°218	+15°417	1.15	50.10539	10.0	...	51°792	-25°499	-5	...	...
...	43°119	+47°281	-4	a	...	...	47°223	-35°081	0.85	...	...	...	51°857	+37°036	-5	...	...
...	43°182	+53°367	-1	...	...	...	47°237	-35°377	-4	...	...	...	51°924	-41°783	-2	e	...
...	+43°209	-10°859	-5	...	...	*	+47°363	+24°381	0.95	...	...	...	+51°974	+33°012	-3	...	...
...	43°399	-16°462	-3	...	...	*	47°370	+19°588	1.30	50.10540	9.6	...	52°033	-5°669	-5	...	...
...	43°452	+58°347	-1	...	...	...	47°410	-36°877	-5	p	...	...	52°066	+32°899	-3	...	...
...	43°670	-16°014	-5	...	...	...	47°453	+16°092	0.70	...	...	...	52°145	+22°873	-3	...	...
...	43°753	+18°738	-4	...	...	...	47°512	-47°837	0.80	...	...	*	52°162	-12°539	0.95	...	...
I65I	+43°803	+1°598	-5	...	...	I71I	+47°560	-59°097	-4	...	...	I77I	+52°356	-7°309	0.90	...	...
...	43°850	+0°937	-4	a	...	...	47°583	-8°478	-4	...	...	...	52°452	-8°952	-3	...	...
...	44°120	+10°613	-5	...	...	...	47°625	-13°360	0.95	...	...	...	52°518	+13°333	-5	...	...
*	44°216	-42°626	1.00	...	...	...	47°670	+16°391	-4	...	...	...	52°606	-41°444	-5	e	...
...	44°413	+8°069	-5	...	...	...	47°697	+41°066	0.65	...	...	...	52°675	+1°681	-5	...	...
S †	+44°475	+10°121	1.05	50.10536	9.6	...	+47°880	-30°422	-5	...	...	...	+52°762	+17°502	-5	...	...
†	44°489	+51°416	-4	...	...	...	47°894	-49°553	-1	...	...	†	52°800	+55°186	-1	50.10543	10.0
...	44°575	+9°258	-5	...	...	...	48°027	-4°952	-5	...	...	...	52°801	+42°259	-5	m	...
...	44°593	+18°094	-4	...	...	...	48°136	+54°305	-5	...	...	...	52°915	-33°346	-5	p	...
...	44°683	+48°775	-5	m	...	...	48°235	-18°206	-4	...	...	...	53°069	+7°240	-5	...	...
I66I	+44°719	+4°251	0.70	...	...	I72I	+48°273	+23°421	-5	m	...	I78I	+53°109	-2°349	-3	...	...
...	44°865	+44°930	-4	...	...	...	48°335	+16°174	-4	...	...	...	53°118	+37°823	-4	...	...
...	44°941	+20°520	-4	...	...	...	48°579	-6°003	-5	p	...	...	53°132	+44°912	0.95	...	...
...	44°989	-46°801	-4	...	...	...	48°599	-1°489	-4	...	...	...	53°206	+35°477	-5	...	...
...	45°116	-44°564	-2	...	...	...	48°665	-4°506	-5	...	...	*	53°232	+1°726	1.00	50.10545	10.2
...	+45°192	-40°636	-4	...	...	...	+48°681	-43°696	-5	...	...	e *	+53°243	-7°465	2.00	51.10744	9.0
...	45°391	+3°124	-4	...	...	...	48°735	+50°327	0.65	...	...	...	53°253	-35°182	-5	p	...
...	45°428	+9°943	0.70	...	...	...	48°768	-6°273	-5	p	...	...	53°337	-0°271	-5	f	...
*	45°453	+27°881	2.20	50.10537	8.7	...	48°814	-28°079	-5	...	...	...	53°471	-16°308	-2	e	...
...	45°615	+38°364	-5	m	...	...	48°901	+36°113	-5	...	...	...	53°706	+45°493	1.10	50.10544	10.0
I67I	+45°619	+4°449	-4	...	...	I73I	+48°949	+59°210	-4	...	...	I79I	+53°758	+56°866	-2	...	...
†	45°634	-14°752	1.30	51.10735	9.2	...	49°061	+46°932	-5	m	...	...	53°768	-3°943	0.90	e	...
...	45°652	-56°614	0.85	...	...	...	49°227	-46°848	-5	p	...	...	53°809	+3°039	-5	...	...
...	45°654	+1°618	-5	m	...	...	49°254	-8°822	-4	...	...	...	53°954	-35°587	-5	...	...
...	45°677	-5°376	-3	...	...	...	49°302	+2°479	-5	m	...	...	54°127	+26°997	-5	...	...
...	+45°702	+29°463	-5	m	...	...	+49°335	-32°484	-5	...	...	...	+54°239	-36°511	-1	e	...
...	45°716	+4°470	-3	...	...	†	49°353	+10°134	-5	m	...	...	54°251	+52°128	-5	...	...
...	45°725	+6°871	-1	...	...	...	49°385	-6°201	-5	p	...	...	54°343	-17°818	-5	...	...
...	45°784	+55°361	-3	...	...	...	49°402	-27°015	-5	...	...	...	54°354	+53°996	-3	...	...
...	45°811	-36°183	-5	p	...	...	49°583	-52°898	-5	...	...	...	54°375	+38°023	-5	...	...

Notes.	Co-ordinates.		Diam. 0.65.	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65.	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1801-1830						1831-1860						1861-1870					
I80I	+54.415	+11.602	-2	...	...	I83I	+56.514	-12.891	-2	e	...	I86I	+58.603	+32.741	-5	m	...
†	54.467	+29.926	-5	...	...	...	56.570	+46.373	-5	...	...	...	58.612	+22.893	-5	m	...
...	54.753	+16.662	-1	...	...	...	56.675	-42.416	-5	...	...	e *	58.672	-31.343	1.60	51.10746	9.4
...	54.837	+55.758	-4	...	...	...	56.697	-37.683	-5	...	...	...	58.713	-13.969	0.75	e	...
...	54.848	+22.218	-3	...	...	...	56.778	-13.207	-2	e	...	...	58.732	+18.395	-5	m	...
...	+54.953	+7.292	-3	...	...	*	+57.041	+45.342	1.25	50.10547	10.0	...	+58.738	+8.218	-5	m	...
...	54.984	-14.139	-5	...	...	...	57.137	+18.579	-4	...	...	...	58.752	-8.473	-5	p	...
...	55.010	-12.935	-5	...	...	...	57.208	+16.394	-5	...	...	...	58.971	+12.569	-5	m	...
...	55.012	-44.723	-5	...	...	...	57.223	+26.050	-1	...	...	...	59.170	-33.020	-4	...	...
...	55.055	+21.606	0.65	...	...	...	57.259	-51.200	0.95	e	...	...	59.352	-29.272	-3	e	...
I81I	...	...	...	...	...	I84I	...	...	...	...	...						
...	+55.143	+17.659	-4	...	...	...	+57.350	+24.659	-4	...	...						
...	55.203	+5.477	-4	...	...	...	57.389	+23.519	-5	...	...						
...	55.236	+21.452	-5	...	...	...	57.537	+15.620	-5	...	...						
...	55.370	-46.523	-3	e	...	...	57.581	+19.339	-1	...	...						
...	55.383	-58.857	0.80	e	...	...	57.681	-28.897	-5	...	...						
*	+55.419	-16.639	1.00	e	...	...	+57.719	-51.698	-4	...	...						
...	55.479	+26.853	-5	...	...	...	57.894	+53.728	-3	...	...						
...	55.551	+53.878	-4	...	...	...	57.928	-20.125	-5	p	...						
...	55.644	-26.780	0.70	e	...	...	57.959	-39.140	-1	e	...						
...	55.685	+41.535	-5	...	...	...	57.969	-2.242	-4	...	...						
I82I	...	...	...	...	...	I85I	...	...	...	...	...						
...	+55.794	-28.777	0.80	e	...	...	+58.108	-20.815	0.70	e	...						
...	55.798	-28.026	0.80	e	...	*	58.109	+12.108	1.20	50.10548	10.0						
...	55.845	+36.603	1.00	50.10546	10.2	...	58.125	+42.716	-5	...	...						
...	56.008	+57.602	-5	...	...	...	58.228	-14.310	-5	...	...						
e *	56.033	-40.081	1.80	51.10745	9.2	...	58.277	-2.902	-4	...	...						
...	+56.202	+2.842	-3	...	...	...	+58.333	+7.713	-5	m	...						
...	56.386	-7.388	-4	...	...	...	58.426	-6.263	-4	...	...						
†	56.398	-39.712	-3	e	...	...	58.447	-6.102	-5	p	...						
...	56.417	-47.918	-1	e	...	...	58.539	+54.109	-5	m	...						
...	56.492	+30.785	0.85	...	...	...	58.584	-47.277	-1	e	...						

1-20						21-40						41-60					
I						2I						4I					
E *	-59.774	-7.595	I.40	51.10744	9.0	...	-56.579	-26.804	-4	° E	...	...	-53.972	-51.137	-2	° E	...
...	59.679	-41.947	-5	E	...	...	56.528	+19.358	-3	...	...	...	53.938	+50.700	-3	...	...
...	59.665	+57.518	-5	...	...	...	56.377	-28.038	-3	E	...	†	53.896	+24.819	0.75	...	...
...	59.383	-4.058	-3	E	...	...	56.346	-28.796	-2	E	...	...	53.862	+9.393	0.70	...	...
...	59.368	+11.509	-4	...	...	...	56.277	-12.887	-5	E	...	...	53.772	-39.053	-4	E	...
...	-59.229	+16.563	-3	...	...	...	-56.048	-46.557	-5	E	...	...	-53.617	+6.804	0.95	50.10550	10.0
...	59.178	-16.420	-3	E	...	...	55.996	-13.202	-5	E	...	...	53.438	+24.133	-2	...	...
...	59.125	+21.513	-5	...	...	...	55.927	+57.776	-4	...	...	E *	53.365	-31.232	1.20	51.10746	9.4
...	59.017	-41.575	-5	E	...	*	55.706	+12.150	1.00	50.10548	10.0	*	53.207	+32.732	0.95	50.10551	10.2
...	58.963	+36.529	0.90	50.10546	10.2	E *	55.632	-40.069	1.30	51.10745	9.2	...	52.852	+38.835	-5	...	...
II						3I						5I					
...	-58.894	+17.580	-5	...	...	...	-55.508	-58.874	-4	E	...	...	-52.821	+49.254	-5	A	...
...	58.672	+7.215	-5	...	...	...	55.291	-39.679	-5	E	...	...	52.815	-47.168	-3	E	...
...	58.350	+5.405	-5	...	...	...	54.940	-47.882	-4	E	...	...	52.769	-29.139	-5	E	...
...	58.134	+45.304	1.00	50.10547	10.0	...	54.581	+21.604	-5	...	...	...	52.738	+12.739	0.80	...	...
...	58.071	+30.741	0.65	...	...	...	54.526	+31.337	-5	...	...	...	52.665	+12.861	-5	...	...
...	-57.624	+53.725	-4	...	...	...	-54.404	+23.056	0.85	...	...	...	-52.469	+28.184	0.85	...	...
...	57.582	-36.586	-2	E	...	...	54.399	+23.114	0.80	50.10549	10.2	...	52.270	-5.743	0.70	...	...
...	57.240	+2.810	-4	...	...	...	54.365	-20.743	-4	E	...	...	52.110	+44.080	-3	...	...
...	57.215	-16.679	0.90	E	...	...	54.047	-13.868	-2	E	...	...	52.000	+18.123	-4	...	...
...	57.154	+26.053	-2	...	...	...	54.002	+38.233	-5	...	...	*	51.985	+25.824	1.00	50.10552	9.6

L measured from 1, 139, 275, 409, 538, 682.

C " " 65, 215, 350, 480, 607, 755.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	δ .		No.	Mag.		α .	δ .		No.	Mag.		α .	δ .		No.	Mag.
61-120						121-180						181-240					
6I	-51°676	+24°986	-5	A	...	12I	-42°164	+58°583	-4	...	...	18I	-35°067	+30°908	-3	...	...
...	51°321	-16°581	0.65	...	...	...	41°934	-34°792	-5	...	...	...	34°873	+8°711	-3	...	...
*	50°632	-6°591	1.00	51.I0747	10.0	...	41°921	-18°539	-5	...	...	...	34°782	+19°476	-5	...	...
...	50°430	+0°669	0.75	...	...	...	41°916	-1°761	-3	...	...	...	34°436	-26°145	-3	...	...
†	50°107	+4°028	-5	...	...	...	41°915	-58°487	-3	...	...	...	34°274	+4°580	-5	...	...
...	-50°007	+48°457	-5	...	...	...	-41°817	+11°001	0.70	...	...	...	-34°041	-35°521	0.70	...	...
...	49°770	+1°208	-5	...	...	...	41°748	+15°197	-5	...	...	...	33°904	+29°637	-4	...	...
...	49°440	-56°931	1.00	51.I0748	10.2	S *	41°696	-11°282	2.00	51.I0755	8.6	...	33°555	-33°342	-3	...	...
...	49°350	-56°190	-3	...	...	...	41°358	-48°674	-3	...	...	...	33°549	+31°463	-2	...	...
...	49°341	-2°910	-4	...	...	...	41°311	+6°335	-3	...	...	...	33°505	+33°343	-5	...	...
7I	-49°294	-54°182	0.95	51.I0749	10.2	13I	-41°210	+41°483	-4	...	...	19I	-33°446	+5°678	1.00	50.I0559	9.6
...	49°115	-45°577	-4	...	...	...	41°164	-4°764	0.70	...	...	...	33°298	+45°105	-5	...	...
...	48°932	-35°221	-3	...	...	...	40°887	+38°516	0.80	...	...	...	33°256	+11°260	-5	...	...
...	48°850	+39°215	0.90	...	...	...	40°813	-16°293	-5	...	...	...	33°219	-31°735	-5	...	...
...	48°751	+56°617	-5	...	...	...	40°666	+5°899	0.95	50.I0557	10.2	...	32°998	+52°235	-3	...	...
...	-48°176	-0°682	-3	...	...	...	-40°636	+43°426	-3	...	...	...	-32°439	-45°204	-5	...	...
...	48°083	-1°507	-5	...	...	...	40°526	+59°259	-2	...	...	...	32°209	+30°227	-2	...	...
...	48°047	-22°351	-5	...	...	†	40°224	+5°095	-4	...	...	†	32°136	+39°824	1.00	50.I0561	9.5
...	47°981	+13°513	-4	...	...	...	40°050	-21°259	-2	...	...	...	32°039	+50°531	-5	...	...
*	47°785	+37°111	1.30	50.I0553	9.2	...	40°039	-35°479	-2	...	...	...	32°024	-47°214	0.70	...	...
8I	-47°682	-16°295	-2	...	...	14I	-40°022	+2°770	0.80	...	...	20I	-32°014	-37°935	0.80	...	...
...	47°624	+30°749	0.90	...	...	...	39°860	+12°274	-2	...	...	...	31°957	+26°736	0.85	50.I0560	10.2
...	47°563	+36°622	-4	...	...	...	39°767	-40°351	0.75	...	...	...	31°765	-0°451	-3	...	...
†	47°456	+4°161	-5	...	...	...	39°728	-22°936	0.70	...	...	...	31°738	+5°424	-5	...	...
...	46°972	+40°335	0.75	...	...	...	39°476	+35°922	-3	...	...	...	31°373	+0°464	-5	...	...
...	-46°861	-2°753	-5	...	...	...	-39°432	-21°728	-5	...	...	...	-31°283	+35°328	-5	...	...
...	46°794	+6°824	-5	...	...	...	39°368	+10°758	-5	...	...	...	31°139	-9°517	-5	...	...
...	45°947	-4°602	-2	...	...	...	39°181	-30°720	-5	...	...	...	31°113	+48°440	-5	...	...
...	45°848	-38°355	-5	...	...	...	38°731	+48°625	-4	...	...	...	31°087	-16°825	-5	...	...
†	45°728	-14°987	0.75	51.I0750	10.2	...	38°696	+10°488	-5	...	...	...	31°023	-21°130	0.75	...	...
9I	-45°417	-2°246	-5	...	...	15I	-38°563	+21°199	-5	...	...	21I	-30°779	+38°314	1.00	50.I0562	9.6
...	45°401	+35°418	-4	...	...	...	38°458	-7°788	-5	p	...	...	30°616	+52°615	-3	...	...
...	45°364	-26°741	-5	...	...	...	38°457	+50°042	-3	...	...	*	30°485	-0°343	1.00	51.I0760	9.6
*	45°349	-14°576	0.90	51.I0751	10.2	...	38°313	+29°135	-5	...	...	...	30°384	-26°690	0.80	...	...
...	45°336	-6°920	-3	...	...	...	38°035	-26°486	-3	...	...	†	30°183	-21°161	-3	...	...
...	-45°080	-41°738	-3	...	...	...	-37°834	-7°753	-5	...	...	...	-30°065	-22°999	0.65	...	...
...	44°789	+38°595	0.75	...	...	...	37°722	-15°569	0.75	...	...	...	29°988	-19°040	0.70	...	...
*	44°755	-8°837	1.00	51.I0752	9.6	...	37°670	+21°509	-5	...	...	...	29°967	+40°597	-5	...	...
*	44°732	+1°258	1.00	50.I0554	10.0	...	37°555	+20°285	-3	...	...	...	29°680	+47°456	0.65	...	...
...	44°601	+30°001	-5	...	...	...	37°442	+50°375	-5	...	...	...	29°672	+19°974	1.00	50.I0563	10.0
10I	-44°548	+3°125	-5	...	...	16I	-37°310	-33°607	0.95	51.I0756	10.2	22I	-29°532	+34°278	0.70	...	...
*	44°432	+22°702	1.00	50.I0555	9.6	...	37°286	-9°678	0.75	...	...	...	29°337	-12°873	-4	...	...
...	44°381	-2°649	-4	...	...	...	37°268	-11°138	0.95	51.I0757	10.0	...	29°150	-19°222	0.85	...	...
...	44°358	-12°493	0.70	...	...	...	37°248	+41°710	-3	...	...	...	28°846	-53°271	-4	...	...
...	44°297	+18°240	-5	...	...	...	37°239	-26°480	-5	...	...	...	28°588	+14°586	-5	...	...
...	-44°199	+29°273	-5	...	...	...	-36°909	+13°923	-2	...	...	...	-28°578	+22°658	0.85	50.I0564	10.2
...	44°035	+25°766	-5	...	...	...	36°907	-48°356	-5	...	...	...	28°381	+15°529	-5	...	...
...	43°774	-50°881	-5	p	...	...	36°658	+52°704	-3	...	...	...	28°364	-36°347	-4	...	...
†	43°585	-0°114	-2	F	...	...	36°645	-7°007	0.70	...	...	...	28°192	-20°377	-3	...	...
*	43°523	-57°217	1.20	51.I0753	9.8	...	36°606	+6°588	0.80	50.I0558	10.2	...	27°883	+51°887	-2	...	...
11I	-43°461	+42°966	-3	...	...	17I	-36°506	+40°583	-2	...	...	23I	-27°780	+34°923	-4	...	...
...	43°442	+39°947	-5	...	...	*	36°418	-39°132	1.30	51.I0758	8.8	...	27°498	+0°999	0.75	...	...
...	43°366	-45°793	-5	...	...	...	36°382	-23°543	0.70	...	...	...	26°808	-31°231	-3	...	...
...	43°238	+29°099	0.95	50.I0556	10.0	...	36°320	-59°423	-2	...	...	...	26°783	+0°910	0.70	...	...
...	42°980	-48°562	0.75	...	...	...	36°095	-52°413	0.80	...	...	...	26°664	+38°597	-5	...	...
...	-42°750	-4°145	-4	...	...	*	-35°958	-11°967	0.95	51.I0759	10.0	...	-26°395	+38°673	-4	...	...
...	42°641	-18°335	-5	p	...	...	35°768	+36°374	-5	...	...	...	26°267	+23°245	-5	...	...
...	42°559	-31°786	-2	...	...	...	35°617	-20°855	0.70	...	...	...	26°146	+53°529	-5	...	...
...	42°385	-35°783	-3	...	...	...	35°616	+18°132	-2	...	...	S *	25°692	+16°201	1.20	50.I0565	9.1
*	42°335	-5°315	1.40	51.I0754	9.0	†	35°194	-38°592	0.70	...	...	...	25°653	-42°417	0.80	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
241-300						301-360						361-420					
24I	-25'443	+18'057	0.65	...	...	30I	-16'326	+28'182	1.00	50.I0569	9.4	36I	-8'484	+44'989	-3	...	...
...	25'425	+30'455	-5	...	...	...	16'22I	+48'422	1.00	50.I0570	10.2	...	8'463	+38'062	-2	...	...
...	25'393	-52'556	-5	...	...	...	15'970	+37'429	-3	...	...	...	8'378	-9'688	-5	<i>p</i>	...
*	25'367	-37'642	0.90	...	...	...	15'793	-9'312	-3	...	...	...	8'33I	-10'83I	0.70	...	...
...	25'356	+20'13I	-4	...	...	...	15'752	-20'567	-5	...	...	...	8'169	-56'582	-5	...	...
...	-25'278	+53'998	-5	...	...	...	-15'678	+56'527	1.00	50.I0572	10.2	...	-8'098	+24'487	0.95	50.I0577	9.8
...	25'096	-11'742	-3	...	...	*	15'655	+31'960	1.20	50.I057I	9.1	*	7'908	+14'948	1.00	50.I0578	9.7
...	24'730	+14'075	-5	...	...	...	15'54I	+4'377	-5	...	...	...	7'358	-30'23I	-5	...	...
...	24'562	-54'124	0.85	...	...	†	15'203	-22'81I	0.85	51.I0768	10.2	...	7'125	-31'738	-3	...	...
...	24'503	+39'116	-4	...	...	...	15'178	-49'86I	0.90	...	...	...	7'066	+50'364	-4	...	...
25I	-24'424	-8'147	-5	...	...	31I	-15'160	-26'326	0.75	...	...	37I	-6'763	-41'81I	1.00	51.I0773	9.8
...	23'924	+35'21I	-5	...	...	...	14'919	+11'178	-5	...	...	†	6'596	-54'890	-2	...	...
...	23'617	-26'569	-5	...	...	...	14'44I	+41'367	-3	...	...	...	6'420	+6'992	-5	...	...
...	23'324	-43'367	-2	...	...	...	14'069	+49'259	-5	...	...	*	5'757	-58'158	1.30	51.I0774	9.4
...	23'215	+42'002	-2	...	...	...	13'93I	+15'112	-4	...	...	*	5'704	+58'095	1.40	50.I0579	8.9
...	-23'098	+24'614	0.85	50.I0566	10.2	...	-13'846	-37'129	0.80	...	...	...	-5'570	-16'889	0.70	...	...
...	23'083	+3'116	0.75	...	...	...	13'762	-42'674	-5	...	...	†	5'283	+50'715	-2	...	...
...	22'946	-38'110	-5	...	...	...	13'758	+0'75I	0.85	50.I0573	10.0	*	4'749	+48'80I	1.00	50.I0580	9.8
...	22'342	-28'31I	-4	...	...	...	13'707	+39'723	0.90	50.I0574	10.2	...	4'588	+50'043	-4	...	...
...	22'289	-12'227	0.80	...	...	...	13'544	+27'973	-5	...	...	...	4'518	+9'480	0.75	...	...
26I	-22'255	+38'945	1.15	50.I0567	9.2	32I	-13'493	-50'676	-4	...	...	38I	-4'258	+36'409	-5	...	...
*	22'163	-19'743	1.10	51.I0761	9.4	...	13'449	-38'217	-3	...	...	...	4'126	-3'503	-2	...	...
...	21'986	+28'979	-3	...	...	...	13'180	-8'31I	-3	...	...	...	3'982	-0'873	-5	<i>p</i>	...
*	21'356	-35'842	1.00	51.I0762	9.8	*	13'148	-54'179	0.95	51.I0770	10.0	...	3'595	+51'555	-4	...	...
...	21'354	+44'574	-5	...	...	...	13'119	+42'355	-4	...	...	...	3'408	-38'524	0.95	51.I0775	10.0
...	-21'008	-35'494	0.70	...	...	*	-13'119	-53'379	1.10	51.I0769	9.2	...	-3'404	+35'954	0.70	...	...
...	20'555	+53'808	-5	...	...	...	12'964	-18'96I	-5	<i>p</i>	...	*	3'323	-35'75I	1.00	51.I0776	9.8
...	20'538	-10'95I	-5	...	...	*	12'563	-6'349	1.25	51.I0771	9.0	...	3'160	+43'887	-2	...	...
...	20'483	+55'972	0.65	...	...	...	12'450	+45'390	-5	...	...	...	3'085	+16'475	-2	...	...
...	20'417	-49'443	0.70	...	...	...	12'344	-30'825	-5	...	...	...	2'941	+12'224	1.00	50.I0581	9.6
27I	-20'405	-46'779	-4	...	...	33I	-12'330	-44'810	-5	...	...	39I	-2'900	-53'744	-4	...	...
†	20'335	-56'207	-4	...	...	...	12'191	+7'167	-4	...	...	...	2'734	+46'881	-5	...	...
...	20'320	+54'123	0.65	...	...	...	12'161	-51'057	-4	...	...	...	2'718	-53'222	0.90	51.I0777	10.2
†	20'282	+14'829	-2	...	...	...	12'122	+20'522	-5	...	...	...	2'659	+10'530	-4	...	...
...	20'122	+45'821	-5	...	...	...	11'930	+8'875	-5	...	...	...	2'618	+17'025	-4	...	...
...	-20'073	+11'404	-5	...	...	...	-11'884	+56'028	-3	...	...	...	-2'167	-23'082	-3	...	...
...	19'912	+53'564	-5	...	...	*	11'590	-38'049	0.95	51.I0772	10.0	...	1'578	-47'038	-3	...	...
...	19'894	+47'794	0.70	...	...	...	11'567	+16'327	-3	...	...	*	1'334	+33'719	1.70	50.I0582	8.6
...	19'820	+35'287	-5	...	...	...	11'540	+43'960	0.80	50.I0575	10.2	...	1'31I	-25'460	0.70	...	...
...	19'628	-48'169	-4	...	...	...	11'540	-39'654	-5	...	...	*	1'276	-29'930	1.00	51.I0778	9.6
28I	-19'51I	+3'793	0.75	...	...	34I	-11'472	+52'30I	-3	...	...	40I	-1'256	+34'099	-4	...	...
...	19'481	-48'288	0.90	51.I0763	10.0	...	11'341	+10'822	-4	...	...	...	1'242	+43'170	-3	...	...
...	19'295	-22'949	-4	...	...	...	11'230	-28'81I	-5	...	...	...	1'179	-18'788	-3	...	...
...	19'220	-47'342	-3	...	...	...	11'091	+39'213	-4	...	...	...	1'021	-36'949	-3	...	...
...	18'970	+34'979	-3	...	...	†	11'090	+19'809	-4	...	...	...	0'982	-58'016	-5	...	...
...	-18'916	+32'310	-4	...	...	...	-10'915	+7'502	-5	...	...	...	-0'398	+30'890	-3	...	...
*	18'763	-48'600	1.30	51.I0764	8.8	...	10'563	+43'107	-5	...	...	†	0'317	+5'163	-1	...	...
...	18'282	+47'252	-5	...	...	...	10'385	+47'053	-5	...	...	†	-0'29I	+49'100	-2	...	...
...	18'058	+14'290	-5	...	...	...	10'384	-45'517	-2	...	...	...	+0'352	-39'264	-2	...	...
...	17'990	+42'317	-4	...	...	...	9'97I	+51'652	-4	...	...	...	0'486	-43'722	-3	...	...
29I	-17'981	-40'416	2.60	51.I0765	7.8	35I	-9'818	+32'817	-5	...	...	41I	+0'513	+24'805	-5	...	...
S*	17'782	+41'292	-5	...	...	...	9'728	-37'078	-4	...	...	†	0'542	-40'949	-3	...	...
...	17'668	-43'395	-5	...	...	...	9'466	-36'280	-4	...	...	...	0'633	+43'442	0.70	...	...
...	17'51I	-48'837	0.90	51.I0766	10.0	...	9'333	-26'813	-2	...	...	...	0'771	+57'406	-5	...	...
*	17'057	-36'354	1.25	51.I0767	8.8	...	9'155	-1'027	0.80	...	...	...	0'826	-25'298	0.65	...	...
...	-16'926	+23'872	0.85	50.I0568	10.2	...	-9'152	+27'603	-3	...	...	...	+0'925	-16'990	-5	<i>p</i>	...
...	16'810	-37'137	0.65	...	...	...	9'018	-10'459	-5	<i>p</i>	...	...	0'976	-27'161	0.65	...	...
...	16'743	-51'604	-5	<i>p</i>	...	...	8'658	-26'479	0.70	...	...	...	1'043	+46'078	-5	...	...
...	16'737	-7'441	-5	...	...	...	8'578	+14'963	-4	...	...	...	1'047	-56'959	-5	...	...
...	16'403	-41'474	0.80	...	...	*	8'494	+25'267	4.05	50.I0576	7.6	...	1'35I	+20'605	-3	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.				
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.			
421-480						481-540						541-600								
42I	+	1°395	-0°734	1°20	5I.I0779	9·2	40I	+	9°792	+53°238	0°90	50.I0589	10·2	54I	...	+20°292	-39°655	-2	...	...
...	...	1°633	-19°262	-5	<i>p</i>	...	...	...	9°826	-4°962	-5	...	...	...	...	20°411	+13°702	-5	...	...
...	...	1°692	+16°189	-3	...	...	...	...	10°060	-54°054	-4	...	...	...	...	20°414	+3°022	0°90	50.I0599	10·2
...	...	1°945	+29°879	-3	...	...	...	...	10°210	-43°934	-4	...	...	...	...	20°494	+39°006	-5	...	...
...	...	2°331	-2°507	-2	...	...	...	...	10°214	+37°734	1°40	50.I0590	8·8	...	...	20°553	-35°060	0°75	...	...
...	+	2°678	-30°073	-3	...	...	...	...	+10°731	+56°347	0°70	...	...	...	...	+20°887	+8°712	0°90	50.I0600	10·0
...	...	2°726	+50°092	-5	...	...	...	...	10°845	+32°416	-4	...	...	...	...	20°907	+57°543	-3	...	...
...	...	2°743	+48°622	-3	...	...	...	...	10°923	+59°657	0°90	50.I0591	10·2	...	...	21°005	-49°510	-5	...	...
...	...	2°991	+38°367	-4	...	...	...	...	10°935	-41°732	-5	...	...	...	...	21°184	+44°721	0°75	...	...
...	...	3°421	-38°226	-4	...	...	...	...	11°005	-45°063	-5	...	...	...	...	21°198	-42°933	0°90	5I.I0789	10·2
43I	+	3°586	+43°219	1°00	50.I0583	10·0	49I	...	+11°254	-11°354	-4	...	...	55I	...	+21°301	+0°249	-5	<i>a</i>	...
...	...	3°909	+22°169	-5	...	...	...	...	11°350	+48°033	-4	...	...	...	...	21°458	+26°920	0°85	50.I0601	10·2
...	...	4°031	-11°974	5	...	...	...	...	11°505	+39°935	3°45	50.I0592	7·8	...	...	21°843	+26°485	-2	...	...
...	...	4°032	-6°814	-5	...	...	...	...	11°693	-39°626	1°00	5I.I0784	10·0	...	...	21°959	+20°678	-2	...	...
...	...	4°119	+43°392	-5	...	...	...	...	11°739	-42°698	-5	<i>p</i>	...	...	...	22°342	-47°226	-2	...	...
...	+	4°369	+56°345	-4	...	...	...	...	+11°874	-24°992	-2	...	...	...	...	+22°354	+31°022	0°75	...	...
...	...	4°519	-4°330	-5	<i>p</i>	...	...	...	12°016	+22°124	0°70	50.I0593	10·2	...	...	22°486	+55°867	-3	...	...
...	...	4°611	+7°422	1°00	50.I0584	9·7	...	...	12°030	+55°123	-5	...	...	...	...	22°504	+40°893	-3	...	...
...	...	4°819	-16°315	5	...	...	...	...	12°157	+53°828	-4	...	...	...	...	22°762	+12°615	-4	...	...
...	...	4°855	-38°187	0°85	5I.I0780	10·2	...	...	12°266	+52°530	-2	...	...	...	...	22°823	-42°516	-2	...	...
44I	+	4°893	+3°604	-5	...	...	50I	+	12°448	+34°047	1°20	50.I0594	9·2	56I	...	+22°949	+19°691	0°75	...	...
...	...	5°466	+30°631	0°80	...	...	...	...	12°672	-13°830	-4	...	...	...	...	22°964	+22°089	-5	...	...
...	...	5°470	-4°766	-4	...	...	...	...	12°935	+43°008	-4	...	...	...	...	23°100	+32°024	-3	...	...
...	...	5°509	-16°466	0°90	5I.I0781	10·2	...	...	13°199	-46°570	0°75	...	...	...	...	23°186	-4°639	-2	...	...
...	...	5°637	+13°457	-5	...	...	...	...	13°328	-47°837	-5	...	...	...	...	23°283	+25°497	0°75	...	...
...	+	5°787	+8°340	0°95	50.I0585	9·7	...	...	+13°342	+57°592	0°80	...	...	...	...	+23°360	+29°170	-5	...	...
...	...	5°800	+5°911	0°80	50.I0586	10·0	...	...	13°577	+12°713	-3	...	...	...	...	23°734	-6°101	-3	...	...
...	...	6°191	-54°883	-5	...	...	...	...	13°883	+28°579	-2	...	...	...	...	23°746	+10°094	0°75	...	...
...	...	6°344	+10°605	-5	...	...	...	...	13°902	+40°335	-4	...	...	...	...	24°118	+33°521	1°00	50.I0602	9·7
...	...	6°519	-56°898	-5	...	...	...	...	14°266	-19°278	0°70	...	...	...	...	24°402	-33°450	-4	...	...
45I	+	6°678	+3°504	-4	...	...	51I	+	14°429	-50°922	1°85	5I.I0785	8·6	57I	...	+24°405	-24°150	0°70	...	...
...	...	7°043	+49°049	-5	...	...	...	...	14°439	-38°013	1°60	5I.I0786	8·8	...	...	24°451	+29°408	0°80	...	...
...	...	7°147	-51°752	-5	...	...	...	...	14°638	+5°720	-2	...	...	...	...	24°457	-13°188	-5	...	...
...	...	7°232	+33°642	0°65	...	...	...	...	14°911	-9°510	-4	...	...	...	...	24°692	+6°186	-5	...	...
...	...	7°248	+44°444	-5	...	...	...	...	15°009	+1°234	-5	...	...	...	...	24°776	-53°848	0°85	...	...
...	+	7°349	+56°035	-3	...	...	...	...	+15°086	+35°408	1°40	50.I0596	8·9	...	...	+25°026	-14°914	1°15	5I.I0790	9·2
...	...	7°608	+42°880	-5	...	...	...	...	15°276	+47°921	-3	...	...	...	...	25°106	-0°645	-5	...	...
...	...	7°834	+15°795	-5	...	...	...	...	15°986	+26°873	-5	...	...	...	...	25°383	-43°986	1°20	5I.I0792	9·0
...	...	7°912	+20°507	0°85	...	...	...	...	16°195	+46°013	-5	...	...	...	...	25°405	-6°681	-3	...	...
...	...	8°076	+5°832	0°90	50.I0587	10·2	...	...	16°281	+49°379	-5	...	...	...	...	25°430	-10°903	0°90	5I.I0791	10·0
46I	+	8°077	-42°481	-5	...	...	52I	+	16°609	+50°227	-5	...	...	58I	...	+25°527	+17°694	-3	...	...
...	...	8°138	-9°826	1°20	5I.I0782	9·2	...	...	16°894	+18°488	1°20	50.I0597	9·2	...	...	25°761	+47°328	0°90	...	...
...	...	8°144	-38°602	-4	...	...	...	...	16°980	-16°175	-5	...	...	...	...	25°941	+59°637	1°00	50.I0603	9·7
...	...	8°145	+26°744	-5	...	...	...	...	17°094	+5°675	-4	...	...	...	...	26°233	+51°367	-3	...	...
...	...	8°172	+5°256	-2	...	...	...	...	17°291	+1°836	0°70	...	...	...	...	26°271	-0°030	0°80	5I.I0793	10·2
...	+	8°386	-4°173	-5	<i>p</i>	...	...	...	+17°460	-21°090	1°00	5I.I0787	9·6	...	...	+26°289	-10°560	0°70	...	...
...	...	8°441	-49°037	1°45	5I.I0783	8·8	...	...	17°815	+36°434	-5	...	...	...	...	26°693	+15°565	1°60	50.I0604	8·7
...	...	8°443	+41°153	-5	...	...	...	...	17°936	-47°861	1°00	...	...	...	...	26°700	-11°738	0°70	...	...
...	...	8°482	+3°580	5	...	...	...	...	18°089	-47°714	1°00	5I.I0788	9·6	...	...	26°859	+16°744	0°70	...	...
...	...	8°482	-23°089	-4	...	...	...	...	18°151	-30°889	-5	...	...	...	...	26°938	+7°694	-5	...	...
47I	+	8°664	+5°741	0°70	...	...	53I	+	18°435	-40°881	-4	...	...	59I	+	+27°119	+29°785	-4	...	...
...	...	8°690	-41°852	-4	...	...	...	...	18°783	-52°663	-3	...	...	...	...	27°235	+37°613	0°75	...	...
...	...	8°800	+20°499	-3	...	...	...	...	18°791	+37°216	-5	...	...	...	...	27°438	+25°076	-5	...	...
...	...	8°965	-2°788	-5	<i>p</i>	...	...	...	19°166	+57°205	-5	...	...	...	...	27°487	-24°425	1°00	5I.I0794	9·4
...	...	9°103	-53°104	0°85	...	...	...	...	19°259	+47°393	2°00	50.I0598	8·4	...	...	27°815	+50°239	-2	...	...
...	+	9°199	+20°531	1°40	50.I0588	8·7	...	...	+19°297	+50°253	-3	...	...	...	...	+28°035	+18°099	0°75	...	...
...	...	9°280	+15°982	-5	...	...	...	...	19°408	-3°529	-5	...	...	...	...	28°086	-26°500	-2	...	...
...	...	9°468	-0°652	-4	...	...	...	...	19°829	-34°821	-5	...	...	...	...	28°171	+15°845	-5	...	...
...	...	9°577	-35°250	-5	...	...	...	...	20°044	+37°809	-3	...	...	...	...	28°283	+44°866	-5	...	...
...	...	9°700	-4°029	-5	...	...	...	...	20°241	+54°461	0°75	...	...	...	...	28°797	+24°017	-5	...	...

528, 529. C.P.D., suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
601-660						661-720						721-780					
60I	+28.877	+37.924	-5	...	...	66I	+36.461	-37.589	-4	...	...	72I	+44.861	-42.109	1.00	51.10802	9.6
...	28.971	+32.336	0.85	...	...	...	36.662	+6.770	0.70	...	...	...	44.957	+10.727	0.80	50.10619	10.2
...	29.119	+27.634	0.75	...	...	...	37.027	+0.925	-5	...	...	...	44.965	-35.589	1.00	51.10803	9.8
...	29.168	+21.770	0.70	...	...	...	37.137	-43.699	-4	...	...	...	45.236	+52.062	-5	...	...
S †	29.544	-6.134	4.90	51.10795	6.8	...	37.235	+40.511	-5	...	...	†	45.362	-0.081	-4	f	...
†	+29.571	-26.217	-5	...	...	...	+37.313	+55.089	-5	...	...	...	+46.048	+20.911	0.65	...	...
†	29.712	+14.629	0.85	50.10605	10.2	...	37.313	-58.589	-5	...	...	...	46.119	+10.772	0.70	...	...
...	30.067	+33.787	-5	...	...	...	37.320	+12.137	0.80	...	...	...	46.144	+55.865	-1	...	...
...	30.332	+27.686	-4	...	...	...	37.430	-20.377	-4	...	...	...	46.196	+10.149	0.65	...	...
...	30.495	-47.850	-4	...	...	...	37.801	-45.859	-4	...	...	...	46.401	+57.526	1.00	50.10620	10.2
61I	+30.567	+45.640	-5	...	...	67I	+37.997	+32.394	0.95	50.10610	10.0	73I	+46.423	+55.383	-3	...	...
...	30.860	+32.915	-2	...	...	...	38.106	+39.770	-2	...	...	...	46.432	-27.180	0.75	...	...
...	30.972	+20.522	-4	...	...	...	38.205	+39.085	-5	...	...	...	46.660	-16.806	-5	...	...
...	30.997	-29.381	-5	...	...	*	38.282	-24.000	1.00	51.10800	10.0	...	46.829	+12.723	0.80	...	...
...	31.079	+41.655	-3	...	...	...	38.299	-22.318	0.70	...	...	...	46.959	-55.315	-4	...	...
...	+31.160	+52.602	-5	...	...	...	+38.327	+46.371	-2	...	...	*	+47.045	-8.946	1.00	51.10804	9.6
...	31.680	+12.155	-4	...	...	...	38.491	+7.257	-4	...	...	...	47.080	+28.656	-2	...	...
*	31.718	-31.996	1.30	51.10796	9.0	S *	38.529	+46.733	2.00	50.10611	8.4	...	47.093	+55.170	-3	...	...
...	31.915	-58.630	-5	...	...	...	38.529	+5.262	-3	...	...	...	47.353	+21.853	0.70	...	...
...	31.940	+40.052	-2	...	...	...	39.389	+8.912	-5	...	...	...	47.472	-28.339	0.75	...	...
62I	+32.149	-3.221	-3	...	...	68I	+39.499	-1.449	-5	...	...	74I	+47.514	-37.051	-5	...	...
...	32.332	+26.622	-3	...	...	...	39.851	-32.321	0.70	...	...	*	47.546	+21.817	1.00	50.10621	10.0
...	32.538	+46.106	0.70	...	...	...	40.081	+42.957	-5	...	...	*	48.122	-11.895	1.05	51.10805	9.6
...	32.657	+24.889	0.70	...	...	†	40.225	-10.035	-2	...	...	...	48.210	+34.545	-2	...	...
...	32.683	-31.247	-5	...	...	...	40.334	+2.382	-5	...	...	...	48.234	-45.363	0.80	...	...
*	+32.846	+45.406	1.10	50.10606	9.4	...	+40.354	-17.079	0.85	...	...	...	+48.316	+36.501	0.80	...	...
...	32.902	-56.029	-4	...	...	...	40.787	+25.633	0.70	...	...	...	48.341	+16.843	0.80	...	...
...	32.970	+18.871	-4	...	...	...	40.908	+42.512	0.90	50.10612	10.2	...	48.439	-26.435	-5	...	...
...	32.971	-54.506	-4	...	...	*	40.980	+41.222	1.00	50.10613	9.6	...	48.526	+42.846	-5	...	...
...	33.141	-31.325	-4	...	...	...	41.023	-34.510	0.75	...	...	...	48.668	+17.547	0.70	...	...
63I	+33.478	+48.164	-5	...	...	69I	+41.026	-52.508	1.00	51.10801	10.0	75I	+48.674	+42.422	0.75	...	...
*	33.661	-2.319	0.95	51.10797	10.0	*	41.359	+18.144	0.95	50.10615	10.0	...	48.832	+32.597	-5	...	...
...	33.817	+53.416	-4	...	...	...	41.368	-32.597	-5	...	...	*	48.854	-13.977	0.95	51.10806	9.8
...	33.838	-58.062	-4	...	...	†	41.404	+49.707	-2	...	...	...	49.436	-10.220	0.70	...	...
...	33.972	+42.077	-3	...	...	...	41.459	+29.248	0.90	50.10614	10.0	†	49.835	-45.010	0.75	...	...
...	+34.076	-52.853	-5	...	...	...	+41.746	-24.747	-5	...	...	...	+49.883	+53.922	-3	...	...
...	34.132	+42.407	-2	...	...	...	42.346	+37.934	0.70	...	...	...	50.101	+31.389	-4	...	...
...	34.285	+58.890	1.00	50.10607	10.0	...	42.577	+1.256	-5	...	...	...	50.134	+1.264	-5	...	...
...	34.288	-52.838	-1	...	...	...	42.614	+8.785	-2	...	...	...	50.152	+36.429	-5	...	...
...	34.336	-34.236	-5	...	...	...	42.622	-36.579	-5	...	...	...	50.379	-34.631	-5	...	...
64I	+34.477	-38.060	-5	...	...	70I	+42.637	-56.362	-2	...	...	76I	+50.385	+25.048	-5	...	...
...	34.505	+21.039	-5	...	...	...	42.825	+25.572	-5	...	...	...	50.420	+15.992	-5	...	...
...	34.572	+58.986	-3	...	...	...	42.955	+23.923	0.90	50.10616	10.2	...	50.796	-34.613	-5	...	...
...	34.805	-35.508	-2	...	...	...	43.040	+26.605	-5	...	...	...	50.813	-42.804	0.90	...	...
...	34.915	+5.585	-4	...	...	...	43.126	+21.795	-5	...	...	*	50.841	+10.316	1.20	50.10622	9.2
...	+35.173	+8.295	-5	...	...	...	+43.444	-11.306	0.65	...	...	...	+50.969	+35.460	-4	...	...
...	35.267	+35.710	-5	...	...	...	43.481	+40.818	-5	...	...	...	51.396	-2.946	-3	...	...
...	35.331	-22.939	-2	...	...	...	43.985	+50.106	-5	...	...	...	51.592	-39.300	-3	...	...
†	35.370	-15.057	1.00	51.10798	10.0	...	44.038	-21.848	-5	...	...	...	51.769	-35.334	0.90	...	...
...	35.393	+25.457	-5	...	...	...	44.050	+23.138	0.85	...	...	...	51.806	-11.095	-4	...	...
65I	+35.602	+36.921	-4	...	...	71I	+44.065	+28.034	1.40	50.10618	9.0	77I	+51.810	+44.765	1.10	50.10623	9.6
...	35.761	+33.868	-5	...	...	*	44.310	-5.154	0.70	...	...	†	52.033	+55.804	-5	...	...
...	35.882	+17.044	-3	...	...	*	44.318	+56.624	1.05	50.10617	9.6	...	52.049	-32.349	-5	...	...
...	35.990	+35.171	-3	...	...	...	44.387	+21.497	0.85	...	...	...	52.127	+7.345	-5	...	...
...	35.990	-47.831	0.85	...	...	†	44.604	-36.575	0.80	...	...	...	52.209	+57.225	-4	...	...
*	+36.123	+13.656	1.10	50.10608	9.4	†	+44.654	+25.708	-2	...	...	...	+52.792	-8.525	-4	...	...
†	36.174	+9.800	-5	...	...	...	44.716	+32.151	0.70	...	...	...	52.873	+50.318	-4	...	...
*	36.314	-3.644	1.05	51.10799	9.6	...	44.753	+46.541	0.80	...	...	...	53.072	-49.730	0.65	e	...
...	36.326	+0.438	-4	...	...	...	44.768	-12.243	-5	...	...	...	53.226	-7.789	-3	e	...
S *	36.374	+14.453	1.60	50.10609	8.8	...	44.773	+45.428	-2	...	...	...	54.208	+6.052	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
781-790						791-800						801-808					
78I						79I						80I					
†	+54'527	+11'357	-5	...	...	...	+56'405	+44'383	0.85	50.10624	10.2	...	+58'312	+12'798	-5	...	...
†	54'586	+34'623	0.70	...	...	...	56'428	+15'139	-2	...	...	...	58'378	+42'965	-5	...	...
...	54'766	-18'713	0.80	e	...	*	56'729	+20'214	1.20	50.10626	9.2	...	58'444	-45'858	-1	e	...
...	54'919	-1'430	-2	e	...	...	56'878	+18'156	-5	...	...	...	58'755	-37'721	-5	e	...
e	55'050	-32'771	0.90	51.10807	10.2	...	57'073	-38'239	-5	e	...	e	58'836	-40'139	0.95	51.10811	10.0
...	+55'131	-1'989	-2	e	...	e *	+57'282	-16'169	1.05	51.10809	9.6	...	+59'016	-51'761	0.95	e	...
...	55'552	+30'352	-2	...	...	...	57'430	-32'082	-5	...	...	...	59'244	-7'913	-5	e	...
e *	56'141	-58'078	1.20	51.10808	9.6	...	57'533	-21'763	0.85	e	...	e †	59'488	8'277	1.00	51.10810	9.8
...	56'259	-14'359	-5	e	...	...	57'738	+50'984	-1	...	...	...					
*	56'274	+24'341	1.30	50.10625	9.2	...	58'122	-13'100	-3	e	...	...					

1-40						41-80						81-120					
I	...	...	...	...	...	4I	...	...	...	...	...	8I	...	...	...	...	...
...	-59'783	-7'932	-2	E	...	...	-53'065	+21'460	1.00	50.10629	9.9	...	-49'002	-20'693	-5	p	...
...	59'363	+5'941	-5	...	...	...	53'024	-37'613	-4	E	...	...	48'953	-45'905	-5	...	...
...	59'267	+11'256	-5	...	...	...	53'015	-45'748	-1	E	...	...	48'759	+18'895	-4	...	...
†	58'976	+30'268	0.70	...	...	...	52'977	+36'205	-5	...	...	...	48'701	-37'719	-1	...	...
...	58'701	+44'329	1.00	50.10624	10.2	E *	52'860	-40'015	1.00	51.10811	10.0	...	48'440	-6'700	-4	...	...
...	-58'338	-1'507	0.70	E	...	...	-52'606	+16'147	-1	...	...	...	-48'354	+2'383	-4	...	...
...	58'229	-49'844	-1	E	...	...	52'308	+41'365	-5	...	...	...	48'221	+12'290	0.70	...	...
...	58'223	+23'260	-5	...	...	...	52'217	-24'509	-4	...	...	...	47'980	+11'860	-3	...	...
...	58'114	-2'059	0.70	E	...	...	52'195	-51'624	1.00	E	...	...	47'446	+21'680	1.00	50.10631	10.0
...	58'024	-25'876	-5	p	...	†	52'065	+35'219	-3	...	...	...	47'443	-13'184	0.90	...	...
II	...	...	...	...	...	5I	...	...	...	...	...	9I	...	...	...	...	...
*	-58'018	+24'295	1.20	50.10625	9.2	...	-51'876	-17'188	-5	...	...	...	-46'634	-27'791	-5	...	...
...	57'786	-18'783	0.90	E	...	...	51'787	+47'525	1.05	50.10630	10.2	...	46'569	-1'439	-2	...	...
...	57'657	+50'970	-1	...	...	...	51'737	-38'023	1.00	...	...	...	46'553	+12'962	0.75	...	...
...	57'570	-11'852	-5	...	...	...	51'388	+4'860	-2	...	...	...	46'549	-23'941	-4	...	...
...	57'510	+15'112	0.70	...	...	...	51'363	-43'629	-5	p	...	...	46'501	+14'268	-5	...	...
*	-57'404	+20'196	1.40	50.10626	9.2	...	-51'328	+4'179	0.75	...	...	...	-46'458	-1'233	-5	...	...
...	57'182	+18'144	-3	...	...	...	51'290	+25'443	0.75	...	...	...	46'382	-46'719	1.00	...	...
E	56'937	-32'816	1.00	51.10807	10.2	...	51'184	-9'117	-2	...	...	...	46'312	-4'296	-4	...	...
...	56'683	+42'998	-5	...	...	...	51'178	+10'420	-5	...	...	...	46'048	+13'587	-4	...	...
...	56'472	-14'364	-4	E	...	...	51'118	-38'646	-5	...	...	...	45'870	+21'327	-5	...	...
2I	...	...	...	...	...	6I	...	...	...	...	...	10I	...	...	...	...	...
...	-56'238	-27'283	-5	p	...	...	-51'103	-9'111	-2	...	...	...	-45'830	-4'184	0.90	...	...
...	56'198	+35'852	-5	...	...	...	50'988	-29'501	-5	...	...	...	45'534	-11'866	-5	p	...
...	55'690	-20'202	-4	...	...	...	50'965	-47'818	-5	...	...	...	45'521	-41'427	-5	p	...
...	55'627	-21'735	-5	p	...	...	50'929	-20'747	0.80	...	...	...	45'407	-26'144	-4	...	...
...	55'537	+12'837	-5	...	...	...	50'627	-9'154	-3	...	...	...	45'376	+52'827	-4	...	...
...	-55'376	+50'636	1.05	50.10627	10.2	...	-50'418	-50'563	1.00	...	...	...	-45'276	+57'811	1.00	50.10632	10.2
E *	55'372	-16'135	1.10	51.10809	9.6	...	50'392	-7'089	0.95	...	...	...	45'203	-8'459	-5	...	...
...	55'222	-38'159	-5	...	...	...	50'180	-26'069	1.00	51.10813	9.8	...	45'100	+58'516	-2	...	...
...	54'896	-21'715	1.00	E	...	†	50'072	-58'538	1.05	51.10812	10.0	†	45'048	+10'022	-3	...	...
E *	54'824	-58'065	1.35	51.10808	9.6	†	49'946	-33'826	-1	...	...	†	44'935	-9'873	1.80	51.10817	8.8
3I	...	...	...	...	...	7I	...	...	...	...	...	III	...	...	...	...	...
...	-54'697	+46'287	1.00	50.10628	10.0	...	-49'872	-37'506	0.90	...	...	...	-44'868	-31'299	-5	p	...
...	54'692	-38'198	-5	E	...	...	49'826	-33'290	-4	...	...	...	44'846	+33'258	-3	...	...
...	54'675	-13'032	-3	E	...	...	49'750	+53'629	-5	...	...	...	44'827	+16'631	-5	...	...
†	-54'000	+30'299	0.95	...	...	...	49'606	-35'433	0.75	...	...	...	44'613	-55'903	-5	...	...
...	53'890	-57'876	-5	...	...	...	49'497	-45'710	1.25	51.10815	9.6	...	44'391	+5'241	-4	...	...
...	-53'746	-7'812	-5	E	...	...	-49'455	-45'769	1.05	...	...	...	-44'324	-54'401	-5	...	...
...	53'681	+59'957	-3	...	...	...	49'489	-47'695	1.20	51.10814	9.8	...	44'248	-27'477	-5	...	...
E *	53'503	-8'158	1.00	51.10810	9.8	...	49'155	-37'492	1.40	51.10816	9.6	...	44'020	-24'026	0.70	...	...
...	53'257	+27'287	-5	...	...	...	49'108	-27'649	-5	p	...	...	43'557	-25'321	0.75	...	...
...	53'151	+13'299	-4	...	...	...	49'100	-11'192	0.90	...	...	...	43'401	+34'129	-4	...	...

L measured from 1, 151, 315, 490, 656, 846.

C " " 70, 246, 400, 571, 747, 933.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
121-180						181-240						241-300					
121						181						241					
*	-43°295	+18°974	0.95	50.10633	10.2	*	-36°243	-28°464	2.40	51.10825	8.2	*	-30°486	+1°404	-5	...	...
...	43°103	+22°954	-4	...	...	*	36°190	+11°720	0.95	50.10637	10.2	...	30°471	+34°680	-4	...	...
...	43°081	+54°478	-5	...	...	*	35°945	+38°202	1.00	50.10639	9.6	...	30°397	+24°924	0.75	...	...
...	43°036	+49°219	-5	...	...	...	35°921	+15°127	-5	...	...	*	30°383	-46°078	1.10	51.10829	9.6
*	42°974	+28°727	1.00	50.10634	10.0	...	35°920	+6°375	-2	...	...	...	30°212	+18°291	-2	...	...
...	-42°951	-37°789	-3	...	...	...	-35°774	+49°403	-5	...	...	...	-29°671	+47°841	-5	...	...
...	42°772	+13°644	-5	...	...	+	35°689	+20°281	1.00	50.10638	10.0	...	29°397	-16°478	-2	...	...
...	42°633	-53°192	-4	...	...	*	35°665	-10°194	1.00	51.10826	10.2	*	29°047	-32°254	1.20	51.10830	9.4
*	42°568	+49°029	1.20	50.10635	9.6	...	35°565	-11°537	-5	...	...	...	28°926	+20°456	-5	...	...
...	42°567	-17°905	0.75	...	...	...	35°544	+39°885	-4	...	...	...	28°853	-8°724	-5	...	...
131						191						251					
...	-42°488	-53°290	-4	...	...	...	-35°457	-48°636	-5	...	...	*	-28°572	-58°055	1.60	51.10831	9.2
...	42°395	+49°283	-4	...	...	...	35°435	+1°541	-3	...	...	*	28°349	+6°757	1.00	50.10641	10.2
...	42°247	+26°285	-4	...	...	*	35°399	+11°552	1.00	50.10640	10.0	...	28°330	+35°612	-5	...	...
...	42°114	+15°425	-3	...	...	...	35°320	+55°654	-5	...	...	...	28°212	-3°044	-5	p	...
...	41°729	+52°209	-5	...	...	...	35°284	-52°656	-3	...	...	S *	28°164	+4°248	1.40	50.10642	9.1
*	-41°700	-52°310	1.20	51.10818	9.8	...	-35°152	-6°912	0.85	...	...	...	-28°065	+43°012	-3	...	...
...	41°604	+59°788	-5	...	...	...	35°125	-21°236	-3	...	...	...	27°966	-45°258	0.90	51.10832	10.2
...	41°587	+29°101	-5	...	...	...	34°655	+31°023	-5	...	...	...	27°965	-6°942	-4	...	...
+	41°250	-19°543	1.15	51.10820	9.4	...	34°466	+31°307	-3	...	...	...	27°881	-31°227	-5	...	...
...	41°184	+18°428	-5	...	...	...	34°063	-51°928	-4	...	...	...	27°763	-46°400	0.90	...	...
141						201						261					
...	-41°116	+17°889	-3	...	...	...	-34°035	+37°780	-5	...	...	*	-27°663	-31°909	0.95	51.10833	10.0
...	40°978	+8°178	-3	...	...	...	33°929	-12°853	-2	...	...	...	27°610	+0°931	-3	...	...
*	40°885	-40°629	1.00	51.10819	10.0	...	33°709	-14°819	-4	...	...	...	27°538	-16°251	-3	...	...
...	40°731	-19°516	-5	...	...	...	33°662	-36°940	0.75	...	...	...	27°496	+17°241	-4	...	...
...	40°676	-24°310	-5	p	...	...	33°609	-14°170	-4	...	...	...	27°310	+31°581	-4	...	...
S *	-40°662	-17°802	1.40	51.10821	9.0	...	-33°574	-46°225	0.90	...	...	...	-27°220	+11°608	-5	...	...
...	40°418	-11°210	-5	...	...	...	33°530	-33°649	-5	...	...	...	27°184	-13°114	-5	...	...
*	40°216	-12°775	1.10	51.10822	9.6	...	33°427	-29°007	-4	...	...	...	27°105	+16°357	-4	...	...
...	40°173	-26°076	-4	...	...	...	33°410	-37°377	-5	...	...	...	26°868	+25°171	0.70	...	...
...	40°120	-26°635	3	...	...	...	33°325	-27°616	-2	...	...	...	26°775	-21°820	0.70	...	...
151						211						271					
...	-39°937	-20°866	-5	p	...	...	-33°088	+41°798	0.90	...	...	...	-26°681	+49°901	-4	...	...
...	39°740	-40°197	-4	...	...	...	32°895	-42°241	-2	...	...	...	26°473	+49°174	-4	...	...
...	39°664	+14°449	-5	...	...	...	32°745	-35°121	-4	...	...	...	26°447	+59°140	-1	...	...
...	39°592	-2°389	-2	...	...	...	32°731	+11°817	-3	...	...	...	26°232	+29°443	-2	...	...
...	39°361	+19°312	-2	...	...	...	32°358	-17°024	0.65	...	...	...	26°096	+18°051	0.80	...	...
*	-39°354	+49°490	1.05	50.10636	9.9	*	-32°266	-8°483	1.00	51.10827	10.2	...	-26°029	-23°310	-3	...	...
...	39°317	+21°903	0.85	...	...	...	32°120	-17°395	-5	p	...	...	25°669	+23°906	-4	...	...
...	39°307	+53°673	-4	...	...	...	32°107	-41°732	-1	...	...	...	25°601	+39°115	-4	...	...
...	39°164	-54°344	-5	...	...	...	32°015	+37°342	-4	...	...	...	25°433	-7°666	-5	...	...
...	39°107	-13°104	-5	...	...	...	31°953	+37°638	0.90	...	...	...	25°393	+14°441	0.85	...	...
161						221						281					
...	-39°090	+5°821	-3	...	...	...	-31°772	+34°247	-3	...	...	*	-25°379	+28°848	1.05	50.10643	10.0
*	38°682	-45°207	1.00	51.10823	9.8	...	31°705	+42°936	-2	...	...	...	25°290	-39°113	-5	...	...
...	38°676	-40°434	-5	...	...	...	31°546	-44°983	-3	...	...	†	24°968	+10°264	0.70	...	...
...	38°623	+10°035	-5	...	...	...	31°388	+35°857	0.90	...	...	...	24°739	+48°208	-4	...	...
...	38°584	+13°627	-4	...	...	...	31°344	-36°679	0.85	...	...	...	24°715	+29°952	-5	...	...
...	-38°375	-23°433	-3	...	...	...	-31°326	-47°303	0.85	...	...	...	-24°668	+10°530	-4	...	...
...	37°932	+26°446	-5	...	...	...	31°317	-55°066	-5	...	...	...	24°665	-16°484	-4	...	...
...	37°228	+3°096	-5	...	...	...	31°232	-34°919	-4	...	...	*	24°552	+29°950	1.00	50.10644	9.7
...	37°158	-36°129	-5	...	...	*	31°199	-7°648	0.95	51.10828	9.8	...	24°516	+51°218	-4	...	...
...	36°947	+41°871	-4	...	...	...	31°167	-25°246	-3	...	...	...	24°070	-14°738	-5	p	...
171						231						291					
...	-36°901	-8°515	-3	...	...	...	-31°095	+59°128	-5	...	...	...	-23°903	-1°049	0.70	...	...
...	36°850	+42°828	-3	...	...	...	31°072	+14°574	-5	...	...	...	23°649	+52°584	-5	...	...
...	36°820	+3°640	-5	A	...	...	31°069	+14°479	-2	...	...	...	23°515	+18°200	-5	...	...
...	36°801	-18°683	-5	...	...	...	31°014	+39°520	0.80	...	...	...	23°074	+42°139	-2	...	...
...	36°792	-42°880	0.80	...	...	...	30°995	+56°095	-1	...	...	...	23°052	+34°283	-5	...	...
...	-36°776	+14°849	-5	...	...	...	-30°933	-15°323	-4	...	...	...	-22°999	-36°917	-4	...	...
*	36°659	-52°519	1.00	51.10824	9.8	...	30°862	-19°474	-5	...	...	...	22°942	-51°991	1.00	...	...
...	36°617	+35°527	-5	...	...	...	30°840	+23°297	-4	...	...	...	22°549	+24°711	0.80	...	...
...	36°583	-22°677	-2	...	...	...	30°700	+54°897	1.00	...	...	...	22°417	-31°048	-4	...	...
...	36°408	-26°730	0.90	...	...	...	30°674	-11°081	0.70	...	...	...	22°324	-10°322	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
301-360						361-420						421-480					
30I	-22°056	+55°63I	-5	°		36I	-13°939	+23°749	0.80	°		42I	-8°143	+18°78I	-5	°	
...	22°006	+57°163	-5			...	I3°746	+27°100	0.85			...	8°114	+26°568	-5		
...	21°904	-23°117	-2			*	I3°712	-52°714	2.90	5I.I0840	7.4	S *	7°916	-43°148	I.25	5I.I0847	9.0
...	21°475	-13°763	-5			...	I3°562	+58°138	-3			...	7°744	-17°845	-4		
...	21°472	-16°214	0.70			*	I3°562	-57°809	I.25	5I.I084I	9.4	...	7°400	+47°830	0.90		
...	-21°350	-38°355	-4			...	-I3°558	+36°384	-5			...	-7°369	+17°000	0.70		
...	21°276	-11°482	-5	p		*	I3°463	-4°273	I.00	5I.I0842	9.6	...	7°159	+25°101	-4		
...	21°265	-10°283	-5	p		*	I3°436	+6°928	I.00	50.I0648	10.2	...	7°028	+30°406	-4		
...	21°259	-32°098	-I			*	I2°864	+46°829	I.10	50.I0649	9.4	...	7°027	+30°812	0.85		
...	21°101	-36°708	-5			...	I2°810	+34°337	-3			...	6°858	+25°577	-5		
31I	-20°739	-52°512	-4			37I	-12°494	+19°504	-4			43I	-6°842	-53°89I	-5	p	
...	20°430	+24°378	0.75			...	I2°426	+52°983	-5			...	6°569	+36°673	-5		
...	20°246	+20°045	-2			...	I2°367	+13°778	-5			...	6°487	+55°099	-5		
...	20°207	-31°000	-5	p		...	I2°233	+7°028	-3			...	6°105	+32°499	-3		
...	I9°888	+46°618	-4			...	I2°231	-20°206	-5			...	6°103	-41°044	-5	p	
...	-I9°868	+24°083	0.70			*	-I2°153	-16°413	I.10	5I.I0843	9.4	...	-6°092	-50°221	-5	p	
*	I9°824	-47°690	I.45	5I.I0834	9.0	...	I2°132	+29°081	-3			...	6°047	+2°790	-I		
...	I9°764	+38°560	-5			...	II°814	+31°743	0.95	50.I0650	10.0	...	5°901	+30°081	-5		
...	I9°761	-45°539	0.85			...	II°770	+9°157	-4			*	5°823	+46°583	I.20	50.I0660	9.4
...	I9°487	+40°642	-5			...	II°587	-38°598	0.70			...	5°460	-11°702	-2		
32I	-I9°230	-13°574	-5			38I	-II°544	+6°824	I.00	50.I0651	9.8	44I	-5°263	-0°761	-4		
...	I8°707	+34°968	-2			...	II°445	+25°765	-5			...	5°251	+34°718	-4		
...	I8°430	-16°559	0.90			...	II°246	+37°794	I.00	50.I0652	10.0	†	5°132	-46°748	-3		
*	I8°287	-41°924	I.10	5I.I0835	9.2	*	II°196	+35°759	I.00	50.I0653	9.8	†	5°096	-31°456	-2		
...	I8°107	+39°221	-5			...	II°180	-48°754	-5			†	5°042	+50°250	-3		
...	-I8°056	+34°356	0.75			*	-II°136	+30°996	0.90	50.I0654	10.1	...	-4°991	+46°051	-5		
...	I7°990	+39°690	-3			...	II°124	+33°741	-5			...	4°931	+34°152	-I		
...	I7°927	+5°011	-3			†	II°101	+10°325	-5			...	4°865	-13°077	-5	p	
...	I7°687	-55°612	0.90			...	II°097	-34°633	0.70			...	4°858	-46°036	-3		
...	I7°649	-26°536	-2			...	II°065	+59°070	-2			...	4°665	+34°491	-4		
33I	-I7°640	-23°679	-3			39I	-II°036	+14°397	0.80			45I	-4°657	-31°137	-3		
N *	I7°608	-10°545	I.20	5I.I0837	9.6	...	I0°897	-45°750	-5			...	4°544	+29°017	-5		
...	I7°517	+4°711	I.00	50.I0645	10.2	*	I0°858	-8°204	I.45	5I.I0844	9.0	...	4°513	-14°994	-4		
...	I7°476	+19°800	-5			*	I0°762	+22°849	0.95	50.I0655	10.1	...	4°331	+37°479	-5		
*	I7°472	-57°371	I.00	5I.I0836	10.2	...	I0°714	+38°169	0.80			...	4°139	-40°583	0.90	5I.I0848	10.4
...	-I7°378	-5°882	0.90			*	-I0°681	+22°268	I.00	50.I0656	9.7	...	-4°026	+41°742	-4		
...	I7°324	+38°723	0.90			...	I0°513	+32°760	0.90			...	3°924	-38°315	-3		
...	I7°191	-33°000	-5			...	I0°450	-37°916	0.85			...	3°851	+30°679	0.70		
...	I7°025	-43°344	-4			...	I0°254	-18°484	-5			...	3°822	+22°722	-5		
...	I7°011	+49°981	-2			†	I0°088	+19°932	-3			*	3°814	+20°459	I.50	50.I0661	9.0
34I	-16°977	+30°316	-5			40I	-10°026	-36°248	-5			46I	-3°570	+24°930	0.75		
†	I6°891	+13°160	-4			...	I0°004	+52°182	0.95	50.I0658	10.2	...	3°124	+17°700	-5		
...	I6°751	+38°258	-5			...	9°985	-57°397	I.00	5I.I0845	10.2	...	2°694	+0°788	-5		
...	I6°236	+26°725	-5			...	9°902	+24°780	-4			...	2°546	+44°622	-2		
...	I5°980	-37°137	-3			...	9°884	-12°429	-5	p		...	2°541	+2°892	-5		
...	-I5°897	+45°146	-4			...	-9°869	-44°222	-3			...	-2°516	+32°350	-5		
...	I5°778	+39°848	0.90			*	9°763	+9°084	I.20	50.I0657	9.6	*	2°449	+45°875	I.00	50.I0662	9.8
...	I5°766	+28°968	-5			...	9°738	+48°706	-5			...	2°409	-30°191	-2		
...	I5°702	-18°018	0.90	5I.I0838	10.2	...	9°654	+18°838	-5			...	2°409	-58°505	-4		
...	I5°693	-10°267	-3			...	9°603	+24°156	0.85			...	2°397	+38°701	-5		
35I	-15°645	+22°480	-5			41I	-9°468	-5°676	-5			47I	-2°310	+3°458	-5		
...	I5°572	+31°729	0.90	50.I0646	10.2	...	9°391	-31°125	0.70			...	2°289	-3°703	-5		
...	I5°483	-34°366	0.70			...	9°298	+24°352	0.75			...	I°970	+10°985	-5		
...	I5°246	+40°923	-3			...	9°297	+22°816	0.85			...	I°787	+36°052	-3		
...	I5°216	+17°807	-5			...	9°121	-30°845	0.90			...	I°709	-50°217	I.00	5I.I0849	10.4
†	-I5°119	-33°208	0.70			...	-9°093	-25°573	-4			S *	-I°639	+22°569	2.75	50.I0663	8.4
...	I4°625	-33°349	-5			...	8°970	-0°676	I.00	5I.I0846	10.0	...	I°563	+44°273	-5		
*	I4°157	-40°433	I.00	5I.I0839	9.6	...	8°781	-27°070	-5	p		...	I°478	+21°865	-5		
...	I4°062	+14°836	0.95	50.I0647	10.4	*	8°517	+49°862	I.00	50.I0659	10.4	...	I°397	+37°145	-3		
...	I3°939	+28°411	0.85			...	8°329	+49°240	-4			...	I°164	+58°613	0.90	50.I0664	10.0

332. Brighter of double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
481-540						541-600						601-660					
48I	-1.110	-38.848	-5	p	...	54I	+5.937	-10.754	1.20	51.I0853	9.6	60I	+13.482	+24.456	-4	...	...
...	0.991	-18.783	-5	p	...	...	6.045	-51.267	-5	...	...	...	13.541	+51.254	0.95	...	...
...	0.989	+39.750	-2	...	...	...	6.167	-46.703	-5	...	...	...	13.652	+44.894	0.65	...	...
...	0.923	+58.081	-5	...	...	...	6.210	-18.866	-5	...	...	...	13.743	-36.409	0.80	...	...
...	0.637	+58.835	-5	...	...	...	6.234	+49.008	-5	...	...	...	13.748	-47.901	-5	...	...
...	-0.597	+51.534	-4	...	...	...	+6.367	+17.096	0.80	...	...	*	+13.854	+59.707	1.05	50.I0681	10.1
...	0.582	-23.972	-3	...	...	...	6.424	+37.966	-5	...	...	...	14.147	+6.256	0.65	...	...
*	0.357	-7.793	1.90	51.I0850	8.6	*	6.608	+35.879	1.20	50.I0674	9.2	...	14.168	-56.320	-4	...	...
...	0.159	-56.805	-5	...	...	*	6.680	-11.990	1.00	51.I0854	9.8	*	14.268	-46.928	1.00	51.I0863	10.2
†	-0.120	+17.050	0.65	50.I0665	10.4	...	6.799	+38.187	-5	...	...	*	14.641	+47.466	1.00	50.I0682	10.0
49I	+0.033	+37.241	0.85	...	...	55I	+6.808	-39.918	-3	...	...	61I	+14.793	+16.159	0.80	50.I0683	10.4
...	0.178	-58.586	0.90	...	...	...	7.076	-27.243	1.00	51.I0856	9.8	†	14.803	+54.708	-1	...	...
*	0.203	+21.863	1.00	50.I0666	10.0	*	7.137	-18.006	1.80	51.I0855	9.0	...	14.937	-7.943	-5	p	...
*	0.447	-26.498	3.40	51.I0851	7.8	...	7.217	-42.761	-5	...	...	...	14.952	+50.760	-3	d	...
*	0.477	+13.253	1.00	50.I0667	9.6	...	7.309	-35.513	-5	p	...	...	14.962	-40.041	-5	...	...
...	+0.522	-9.496	-2	...	...	...	+7.479	+56.402	-5	...	...	...	+15.217	-22.795	-3	...	...
...	0.610	-24.339	0.80	...	...	...	7.483	-59.358	0.95	...	...	...	15.429	+7.794	-4	...	...
...	0.810	-40.163	0.75	...	...	...	7.566	-50.737	0.80	...	...	...	15.507	+57.357	-5	...	...
...	0.914	-58.348	-5	...	...	...	7.635	-2.507	-5	...	...	...	15.608	-7.415	0.90	...	...
...	0.926	+14.843	0.80	...	...	...	7.828	-45.875	-5	p	...	...	15.631	+46.663	-3	...	...
50I	+0.944	+52.840	-2	...	...	56I	+8.400	+41.422	-5	...	...	62I	+15.656	+44.993	1.40	50.I0684	9.4
...	1.429	-21.525	-5	...	...	...	8.433	+59.343	-5	...	...	...	15.664	-2.493	0.90	51.I0864	10.4
S*	1.663	+58.103	1.30	50.I0668	9.2	...	8.800	-36.022	-5	...	...	...	15.740	-49.087	-5	p	...
...	1.826	+56.446	-5	...	...	...	8.842	+18.558	-2	...	...	...	15.834	+40.903	-3	...	...
...	1.845	+38.662	0.65	...	...	*	8.925	-36.336	2.00	51.I0858	8.6	*	15.835	-8.243	1.00	51.I0865	9.8
...	+1.853	-16.482	-2	...	...	...	+8.951	+2.412	-4	...	...	...	+16.175	+45.435	-4	...	...
...	2.157	+43.811	-2	...	...	...	9.020	-12.423	1.00	51.I0857	10.2	...	16.277	+39.742	0.70	...	...
...	2.170	-10.092	-2	...	...	...	9.390	-17.858	0.80	...	...	...	16.312	-44.757	-5	...	...
...	2.200	+24.842	-5	...	...	...	9.617	-20.307	1.00	51.I0859	10.0	*	16.464	-7.345	1.05	51.I0866	9.4
...	2.302	+53.902	0.95	...	...	†	9.779	+0.469	2.90	51.I0860	8.6	...	16.867	+31.964	-5	...	...
51I	+2.446	-15.541	-4	...	...	57I	+9.990	-44.190	-4	...	...	63I	+16.892	+0.503	0.75	...	...
...	2.526	+38.548	0.90	...	...	...	9.993	+24.684	0.90	50.I0675	10.1	...	16.903	-44.378	-5	...	...
*	2.724	+3.988	3.00	50.I0669	8.2	*	10.128	+37.188	2.00	50.I0676	8.6	...	16.944	-46.617	-5	...	...
...	2.795	+5.487	-5	...	...	...	10.189	+22.314	-3	...	...	...	17.204	-9.631	-5	...	...
...	2.805	-13.854	-4	...	...	...	10.423	-14.083	-1	...	...	...	17.214	+37.278	-5	...	...
...	+2.811	+7.624	-2	...	...	...	+10.494	-30.701	0.80	...	...	...	+17.296	+46.145	-4	...	...
...	3.051	-47.732	0.75	...	...	...	11.222	-46.136	-3	...	...	...	17.312	+43.464	-5	...	...
...	3.056	-48.063	0.70	...	...	...	11.281	+34.580	0.90	...	...	...	17.390	-8.288	0.90	...	...
*	3.334	-40.787	1.00	...	...	†	11.289	-49.417	-5	p	...	*	17.796	-16.215	1.90	51.I0867	8.8
...	3.504	+49.689	-4	...	...	...	11.315	-53.560	-4	...	...	...	17.832	+49.183	0.95	50.I0685	10.4
52I	+3.639	+3.545	-5	...	...	58I	+11.448	-46.944	-3	...	...	64I	+17.874	-25.382	0.70	...	...
...	3.742	-18.731	-5	...	...	*	11.472	-56.279	2.70	51.I0861	8.2	*	18.110	+28.350	1.00	50.I0686	9.8
...	3.911	-7.463	-2	...	...	*	11.572	+10.911	1.20	50.I0677	9.2	...	18.170	+58.602	-5	...	...
...	3.927	-3.052	-1	...	...	...	11.610	+54.714	0.90	...	...	...	18.547	+52.297	-4	...	...
*	4.025	+4.252	1.30	50.I0670	9.2	...	11.747	-7.350	-5	...	...	...	18.565	+44.094	-5	...	...
...	+4.188	-47.028	0.85	...	...	*	+11.806	+27.841	2.40	50.I0678	8.5	...	+18.640	-10.454	1.00	51.I0868	10.0
...	4.310	+4.477	-3	...	...	...	11.972	-40.506	-4	...	...	...	18.744	+7.710	0.75	...	...
...	4.379	-32.662	0.75	...	...	...	12.102	-2.201	-5	...	...	†	18.874	+55.182	-3	...	...
...	4.428	-28.748	-3	...	...	*	12.207	+26.130	2.40	50.I0679	8.2	*	18.877	+56.494	2.10	50.I0687	8.4
...	4.516	+10.438	-5	...	...	...	12.346	-16.010	-4	...	...	...	19.343	+43.983	-5	...	...
53I	+4.925	-23.503	1.20	51.I0852	9.2	59I	+12.444	+17.491	3.10	50.I0680	8.0	65I	+19.364	+47.450	0.70	...	...
*	5.187	+1.129	1.10	50.I0671	9.4	...	12.622	-36.629	-4	...	...	...	19.500	+16.104	-3	...	...
...	5.227	+58.440	-5	...	...	...	12.771	-31.441	-4	...	...	†	19.517	-29.524	1.30	51.I0869	9.2
...	5.270	+57.560	-4	...	...	...	12.962	-41.991	-5	...	...	...	19.568	+24.885	-3	...	...
...	5.550	-29.637	-5	...	...	...	12.996	-42.055	-5	p	...	...	19.656	+16.019	-3	...	...
...	+5.594	-53.803	-5	...	...	...	+13.179	+11.987	-5	...	...	...	+19.954	-40.074	0.70	...	...
...	5.720	+41.355	0.80	...	...	...	13.181	-48.375	-4	...	...	...	20.045	-2.651	-4	...	...
*	5.738	+20.280	1.00	50.I0672	9.8	...	13.213	+36.302	-5	...	...	...	20.049	-35.436	-5	...	...
*	5.841	+5.140	2.00	50.I0673	8.5	...	13.213	+28.813	0.70	...	...	...	20.051	+4.137	-3	...	...
...	5.856	-49.691	-2	...	...	*	13.475	-0.307	1.05	51.I0862	9.6	S*	20.131	+2.388	1.45	50.I0688	9.2

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
661-720						721-780						781-840					
66I	+20°13I	-18°264	-5	p	...	72I	+27°077	-25°799	1°00	5I.I0873	9·8	78I	+33°458	-32°418	-2	...	...
*	20°212	+21°869	1°20	50.I0689	9·4	...	27°196	+48°113	-5	...	...	†	33°52I	-34°462	1°00	5I.I088I	10·0
...	20°295	+42°932	-3	...	...	...	27°198	+47°114	-2	...	...	...	33°537	-19°998	-5	p	...
*	20°297	+45°948	1°05	50.I0690	9·6	...	27°517	-50°383	-3	...	...	*	33°558	-8°25I	1°15	5I.I0880	9·6
...	20°377	+20°027	-2	...	...	...	27°611	-54°008	-5	...	...	...	33°585	-5°336	0°90	...	...
†	+20°453	-4°503	0°90	...	...	...	+27°642	-29°006	-3	...	...	...	+33°617	-34°083	0°90	5I.I0882	10·0
...	20°814	+26°467	-5	...	...	...	27°651	-25°868	-3	...	...	...	33°791	-8°311	-4	...	...
...	20°929	+48°725	0°90	...	...	...	27°672	+32°779	-5	...	...	...	33°995	-3°057	-5	p	...
...	21°08I	-23°239	-3	...	...	...	27°733	+46°562	-4	...	...	...	34°070	+34°150	-5	...	...
...	21°097	+49°563	-3	...	...	...	27°785	+8°754	-5	...	...	...	34°109	-31°599	0°75	...	...
67I	+21°203	+10°127	1°00	50.I069I	9·8	73I	+27°792	+31°298	-5	...	...	79I	+34°353	+36°899	-5	...	...
*	21°464	+56°29I	1°00	...	...	...	27°986	-59°320	-5	p	...	...	34°459	+36°29I	0°75	...	...
*	21°528	-21°65I	1°00	5I.I0870	9·8	...	28°200	+13°37I	1°00	50.I0692	10·2	...	34°529	-11°587	-5	...	...
...	21°934	+21°545	-2	...	...	...	28°402	-47°245	-5	...	...	...	34°677	+40°678	1°00	50.I0702	10·2
...	21°957	+1°767	0°80	...	...	...	28°495	+35°525	-5	...	...	†	34°797	-57°210	-5	...	...
...	+21°970	-11°751	-5	...	...	*	+28°694	-28°752	1°00	5I.I0875	10·0	...	+34°889	-31°89I	-2	...	...
...	22°107	+48°419	-3	...	...	...	28°763	-3°818	0°95	5I.I0874	10·2	...	34°899	-9°124	0°75	...	...
...	22°119	-50°76I	-5	...	...	...	28°880	+55°787	-4	...	...	...	34°902	+3°493	-5	a	...
...	22°202	-13°063	-5	...	...	*	29°054	+28°664	1°30	50.I0693	9·2	*	34°979	+3°487	1°50	50.I0703	9·2
...	22°244	+52°568	-5	...	...	...	29°141	-11°676	-5	...	...	...	34°997	-41°873	-4	...	...
68I	+22°333	-34°019	-5	...	...	74I	+29°297	-44°724	0°95	5I.I0876	10·0	80I	+34°999	+9°182	-4	...	...
...	22°352	-58°183	0°95	...	...	...	29°364	-38°837	-3	...	...	...	35°022	+44°470	-5	...	...
...	22°523	-25°153	-3	...	...	...	29°393	+26°929	-5	...	...	...	35°093	+13°102	-4	...	...
*	22°527	-15°788	2°00	5I.I087I	8·6	...	29°460	+47°426	-3	...	...	...	35°362	+12°907	-4	...	...
...	22°546	-15°596	0°75	...	...	...	29°504	+13°441	-5	...	...	†	35°733	-14°597	-4	...	...
...	+22°606	-47°316	-5	...	...	...	+29°565	+0°795	0°95	50.I0694	10·1	...	+35°786	-32°289	-2	...	...
...	22°712	+40°612	-2	...	...	†	29°741	+52°362	-5	...	...	...	35°834	+0°912	-5	...	...
...	22°739	+23°625	-4	...	...	...	29°853	+29°086	-5	...	...	...	36°032	-21°187	-5	p	...
...	22°771	+38°208	0°90	...	...	...	29°874	+30°869	-3	...	...	...	36°035	-15°528	0°90	5I.I0883	10·4
...	22°834	-12°972	-3	...	...	...	29°923	-37°525	-1	...	...	...	36°046	-34°067	-5	...	...
69I	+22°973	+49°390	-5	...	...	75I	+29°958	+41°334	0°90	...	...	81I	+36°066	-9°982	-5	...	...
*	23°008	-29°224	1°30	5I.I0872	9·2	†	30°018	+50°233	0°90	50.I0695	10·4	...	36°183	+35°013	-4	...	...
...	23°045	-20°057	-5	...	...	...	30°208	+21°160	-5	...	...	...	36°243	+47°401	0°70	...	...
...	23°090	-33°744	-5	...	...	...	30°256	-39°538	-4	...	...	...	36°286	-24°677	-1	...	...
†	23°228	+55°305	-5	...	...	...	30°280	+6°202	-3	...	...	...	36°292	-21°198	-5	...	...
...	+23°320	+24°020	-4	...	...	*	+30°551	-25°934	1°00	5I.I0877	9·8	...	+36°377	-51°613	-5	...	...
...	23°379	-14°321	-5	...	...	*	30°648	+27°780	1°05	50.I0696	9·8	...	36°544	-48°612	1°00	5I.I0884	10·0
...	23°403	-0°925	0°80	...	...	...	31°053	+46°034	-5	...	...	...	36°776	+33°595	-3	...	...
...	23°774	+38°694	-2	...	...	*	31°198	+52°609	1°40	50.I0697	9·2	...	36°918	+30°963	-5	...	...
...	23°782	+32°394	-5	...	...	...	31°315	-22°639	-5	...	...	...	36°957	-30°227	-5	p	...
70I	+23°965	-24°874	0°95	...	...	76I	+31°392	-12°288	-5	...	...	82I	+36°961	-39°259	10·0	5I.I0885	10·0
...	24°005	+26°102	-2	...	...	...	31°393	-28°306	-5	...	...	...	37°031	-34°736	-5	p	...
...	24°107	+58°058	-4	...	...	...	31°532	-2°163	0°75	...	...	...	37°124	+57°465	-5	...	...
...	24°219	+24°977	-4	...	...	...	31°790	+58°798	-2	...	...	...	37°188	-30°455	-5	...	...
...	24°220	+6°877	-5	...	...	*	31°818	-53°37I	1°40	5I.I0878	9·2	*	37°268	+35°583	1°00	50.I0704	10·1
...	+24°272	-41°958	-3	...	...	...	+31°985	+31°198	0°95	50.I0698	10·1	...	+37°374	-0°090	0°80	f	...
...	24°335	-33°470	0°80	...	...	...	32°141	-29°758	-5	...	...	...	37°737	-28°828	0°85	...	...
...	24°464	-20°155	0°85	...	...	*	32°168	+29°719	1°10	50.I0699	9·8	*	37°843	-25°603	1°05	5I.I0886	9·8
...	24°535	+29°556	-5	...	...	...	32°263	-32°811	-3	...	...	...	38°027	-28°140	-4	...	...
...	24°545	+49°313	0°70	...	...	...	32°312	+27°810	-4	...	...	...	38°260	-27°902	-2	...	...
71I	+24°582	+8°926	-3	...	...	77I	+32°375	-22°596	1°40	5I.I0879	9·2	83I	+38°285	-33°187	0°70	...	...
†	24°788	+26°353	-4	...	...	...	32°516	+34°819	0°70	...	...	...	38°438	-23°762	-2	...	...
...	25°039	+49°452	0°95	...	...	...	32°552	-32°066	-5	...	...	...	38°440	-18°568	-4	...	...
†	25°061	+35°240	0°70	...	...	*	32°916	+22°461	1°00	50.I0700	9·7	...	38°583	+7°921	0°80	...	...
...	25°277	+53°408	-4	...	...	...	32°920	-23°838	-5	p	...	...	38°769	+22°694	-5	...	...
...	+26°050	+27°611	-5	...	...	...	+32°929	-5°032	-2	...	...	...	+38°813	+0°057	-2	...	...
...	26°092	+4°492	-2	...	...	...	32°932	-53°138	-2	...	...	...	38°945	-28°795	0°85	...	...
...	26°228	+21°607	0°80	...	...	*	33°099	+31°624	1°00	50.I0701	10·0	...	38°955	-57°146	-3	...	...
...	26°555	+10°819	5	...	...	...	33°121	+0°135	-4	...	...	...	39°252	-51°202	0°80	...	...
...	26°800	+37°464	-5	...	...	...	33°325	+35°399	0°70	...	...	...	39°340	-57°290	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
841-900						901-960						961-1017					
84I	-39'343	+28'207	0.80	...	...	90I	+46'306	-30'612	1.00	51.10893	10.0	96I	+53'041	+15'377	0.80	...	...
...	39'375	-41'634	-4	...	...	...	46'401	-7'161	-2	...	...	e	53'048	-34'695	0.95	51.10902	10.4
...	39'477	-25'245	-4	...	...	...	46'950	+32'631	-2	...	...	...	53'106	+37'421	-5	...	...
...	39'490	-45'852	-4	...	...	S *	46'962	-35'332	2.05	51.10894	8.4	e	53'240	-24'711	0.85	51.10903	10.4
...	39'608	-28'451	-4	...	...	...	47'046	+22'824	-5	...	...	...	53'412	-15'283	-2	e	...
...	39'809	+21'390	0.80	...	...	...	+47'120	-4'967	-5	...	...	...	+53'486	-34'651	-5	e	...
...	39'904	-15'556	-2	...	...	...	47'134	+4'467	-5	...	...	...	53'689	-10'024	0.70	e	...
...	39'957	-16'133	-2	...	...	...	47'141	+21'797	0.90	50.10712	10.2	...	53'738	-37'108	-5	e	...
*	40'117	-33'783	1.00	51.10887	9.8	*	47'375	+21'112	1.10	50.10713	9.8	...	53'952	+7'250	0.70	...	...
...	40'156	+5'121	-5	...	...	...	47'428	-0'781	-5	...	...	...	54'128	-40'059	-5	...	...
85I	...	...	...	...	...	91I	...	...	...	...	...	97I	...	...	...	...	...
...	+40'174	-14'271	-1	...	...	...	+47'509	-14'975	-5	...	...	...	+54'170	-37'046	-5	e	...
...	40'301	+38'954	-4	...	...	*	47'634	-23'526	2.40	51.10895	8.2	...	54'215	-20'411	-3	e	...
...	40'351	+18'020	0.75	...	...	...	47'681	+16'458	1.00	50.10714	10.4	...	54'412	-19'249	0.65	e	...
...	40'512	-0'940	-5	p	...	...	47'920	+24'026	0.85	...	...	e	54'421	-14'072	1.00	51.10904	10.2
...	40'555	-42'139	-2	...	...	...	47'959	-14'164	-5	...	...	...	54'455	+23'782	-5	...	...
...	40'664	-14'057	0.70	...	...	...	+48'013	+26'349	-5	...	...	...	+54'568	+30'496	-5	...	...
*	40'841	-43'543	1.00	51.10888	9.6	...	48'038	+49'333	-5	...	...	†	54'733	+16'524	-3	...	...
...	40'862	+19'118	-3	...	...	...	48'104	-1'282	-5	...	...	S *	54'902	+44'392	3.30	50.10717	7.8
...	40'955	-21'538	-5	...	...	...	48'197	-1'371	-5	...	...	...	55'048	-1'965	0.75	e	...
...	41'004	+42'101	-5	...	...	*	48'218	+31'778	1.15	50.10715	9.6	...	55'055	-43'723	-5	...	...
86I	...	...	...	...	...	92I	...	...	...	...	...	98I	...	...	...	...	...
*	41'087	+44'454	1.10	50.10705	9.6	...	+48'243	+11'311	0.65	...	...	*	+55'061	+42'983	1.35	50.10718	9.4
...	41'385	-30'900	-5	...	...	...	48'263	+35'470	-3	...	...	...	55'095	-0'507	-5	e	...
...	41'570	-7'304	-4	...	...	...	48'307	-40'025	-4	...	...	...	55'287	-26'864	-4	...	...
...	41'802	+44'260	1.00	50.10706	10.4	...	48'316	+42'448	0.95	...	...	...	55'394	+22'495	-5	...	...
†	41'982	+10'394	-5	...	...	...	48'364	+18'532	-5	...	...	...	55'513	-48'616	-5	p	...
...	42'057	-34'658	0.70	...	...	...	+48'492	+43'234	1.00	50.10716	10.0	...	+55'548	+5'779	-5	...	...
...	42'222	+32'508	-5	...	...	...	48'494	+46'339	-5	...	...	...	55'821	-19'353	-5	e	...
...	42'277	-53'152	-5	...	...	...	48'508	-25'548	0.75	...	...	...	55'848	-17'664	-5	e	...
...	42'719	+49'709	-4	...	...	*	49'136	-17'530	1.00	51.10896	10.4	e	55'910	-35'088	0.95	51.10905	10.4
...	42'724	-43'648	-2	...	...	...	49'241	+40'816	-5	...	...	*	55'916	+13'227	1.20	50.10719	9.6
87I	...	...	...	...	...	93I	...	...	...	...	...	99I	...	...	...	...	...
*	42'830	-51'888	1.20	51.10889	9.4	...	+49'400	+24'124	-5	...	...	...	+56'148	+0'165	-5	...	...
...	42'873	-0'446	-5	...	...	*	49'598	-26'189	1.00	51.10897	9.6	...	56'354	+12'009	-5	...	...
...	42'965	-16'520	-5	...	...	†	49'749	+26'593	-4	...	...	...	56'478	+0'359	-3	...	...
...	42'967	-24'216	-5	...	...	...	49'919	+52'181	-4	...	...	...	56'481	-27'325	-4	e	...
*	43'017	-59'226	1.40	51.10890	9.2	...	49'991	+41'094	-5	...	...	...	56'722	+2'334	-4	...	...
...	+43'214	+35'573	-4	...	...	*	+50'209	-4'430	1.15	51.10898	9.4	...	+56'952	+21'401	0.70	...	...
...	43'613	+23'965	-3	...	...	...	50'365	-21'306	-3	...	...	...	57'133	+16'885	-4	...	...
...	43'702	+57'484	-5	...	...	...	50'447	+44'072	-5	...	...	...	57'149	+6'761	-2	...	...
...	43'735	-46'115	1.00	51.10891	10.0	...	50'713	+46'906	-5	...	...	...	57'174	-36'583	0.90	e	...
...	43'969	-2'389	-4	...	...	...	50'733	-17'142	-4	...	...	...	57'175	-3'043	-5	...	...
88I	...	...	...	...	...	94I	...	...	...	...	...	100I	...	...	...	...	...
...	+44'006	+9'417	0.85	...	...	...	+50'915	-5'478	0.70	...	...	e	+57'202	-12'640	0.90	51.10906	10.4
...	44'108	+55'095	1.00	50.10707	10.4	*	50'970	-15'050	1.00	51.10899	10.2	...	57'419	+23'433	-3	...	...
...	44'367	+20'120	-5	...	...	...	51'050	+39'304	-5	...	...	*	57'559	+44'679	1.60	50.10720	9.2
...	44'397	-10'938	-5	...	...	...	51'072	-3'403	-4	...	...	e	57'581	-56'947	0.65	51.10907	10.4
...	44'531	-31'325	-2	...	...	...	51'273	+12'694	-5	...	...	...	57'961	-10'161	-4	...	...
...	+44'553	-40'073	-5	p	...	...	+51'445	-19'052	-4	...	...	*	+58'074	+22'476	1.20	50.10722	9.7
...	45'023	-19'369	0.80	...	...	...	51'828	-40'831	-2	e	...	...	58'089	+22'176	-4	...	...
...	45'107	+41'590	1.00	50.10708	10.0	...	51'896	-32'141	0.90	...	...	...	58'403	-6'861	-5	p	...
...	45'157	-39'253	0.70	...	...	...	51'926	-43'164	-4	e	...	...	58'625	+28'957	-3	...	...
...	45'183	-5'105	-3	...	...	...	51'951	+26'077	-5	...	...	...	58'812	+6'362	-3	...	...
89I	...	...	...	...	...	95I	...	...	...	...	...	101I	...	...	...	...	...
*	+45'247	+47'241	1.00	50.10709	10.2	...	+51'951	+37'680	-5	...	...	Se *	+58'906	-12'174	3.35	51.10908	7.6
*	45'284	+14'293	1.00	50.10710	9.7	...	52'267	+15'712	0.70	...	...	...	58'915	+46'883	-3	...	...
...	45'517	+23'193	-5	...	...	...	52'308	-42'133	-3	e	...	...	58'943	-1'403	-3	e	...
...	45'710	+14'183	0.80	...	...	...	52'312	-4'431	0.70	...	...	...	59'325	+32'350	-5	...	...
...	45'840	+27'387	-5	...	...	...	52'349	+22'085	-5	...	...	...	59'532	+23'651	-5	...	...
...	+45'948	+33'156	-3	...	...	...	+52'452	-42'457	-3	e	...	†	+59'635	+14'301	-1	...	...
...	45'992	+4'953	-5	...	...	e *	52'471	-37'972	1.20	51.10901	9.6	†	59'665	+18'499	0.70	...	...
*	46'019	-26'076	1.00	51.10892	9.8	*	52'686	-2'075	1.10	51.10900	9.6	...	...	...	...	...	...
*	46'194	+29'048	1.50	50.10711	8.9	...	52'713	-18'352	-2	e	...	...	...	...	...	...	...
...	46'210	+5'815	0.75	...	...	...	52'793	+22'027	0.80	...	...	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1-60						61-120						121-180					
I	-59° 867	-18° 492	0.70	E	...	61	-51° 274	+28° 957	0.70	...	...	I21	-44° 036	-48° 289	-5	...	...
...	59° 849	-40° 982	-4	E	...	...	51° 243	+23° 538	0.80	...	...	...	43° 854	+44° 491	0.85	50.10728	10.4
...	59° 666	+7° 140	0.85	...	...	...	51° 021	+36° 559	-5	...	...	...	43° 707	-39° 742	-2	...	...
E *	59° 646	-43° 315	-5	E	...	...	51° 021	-7° 256	-5	...	...	*	43° 697	+29° 536	1.50	50.10727	9.2
...	59° 317	+38° 105	1.20	51.10901	9.6	...	50° 949	+47° 773	-4	...	...	...	43° 687	+36° 239	-4	...	...
...	-59° 311	-42° 273	-4	E	...	...	-50° 859	-57° 974	-3	...	...	...	-43° 644	-8° 365	-3	...	...
...	59° 287	-15° 397	-2	E	...	...	50° 677	-6° 008	0.70	...	...	...	43° 527	+19° 640	-5	...	...
...	59° 268	+16° 431	-2	...	...	...	50° 526	+37° 192	0.85	...	...	*	43° 517	-38° 924	1.40	51.10911	8.8
...	59° 230	-10° 128	0.90	E	...	...	50° 322	+25° 158	0.80	...	...	...	43° 424	-29° 714	-4	...	...
...	59° 132	-42° 570	-5	E	...	...	50° 292	-31° 533	0.80	...	...	...	42° 997	-37° 920	1.05	51.10912	10.0
II	-59° 088	-24° 823	0.90	51.10903	10.4	71	-50° 266	-18° 473	0.90	...	...	I31	-42° 946	+33° 763	-5	...	...
E †	58° 876	-34° 811	0.95	51.10902	10.4	...	50° 126	-32° 633	0.85	...	...	...	42° 673	+40° 998	-3	...	...
E †	58° 855	+22° 423	-5	...	...	...	49° 576	-33° 024	-5	...	...	...	42° 635	-12° 233	-5	...	...
...	58° 453	-34° 751	-5	E	...	...	49° 023	+18° 170	-3	...	...	...	42° 615	+0° 656	-2	...	...
E *	58° 339	-14° 142	1.00	51.10904	10.2	...	49° 018	+28° 070	-4	...	...	...	42° 533	-32° 650	-2	...	...
...	-58° 289	-20° 498	-4	E	...	...	-48° 930	-9° 613	-4	...	...	...	-42° 413	-12° 109	-3	...	...
...	58° 220	-0° 564	-4	E	...	...	48° 896	-59° 302	-4	...	...	...	42° 358	-24° 492	-5	...	...
...	58° 204	-2° 023	0.85	E	...	...	48° 571	-53° 003	-1	...	...	...	42° 324	-47° 849	-5	...	...
...	58° 132	-19° 317	0.85	E	...	...	48° 513	-46° 650	-5	...	...	...	42° 316	+9° 894	0.95	50.10729	10.1
...	58° 090	-37° 193	-5	E	...	...	48° 444	+0° 410	-4	...	...	...	42° 195	+47° 714	1.00	50.10732	10.2
21	-57° 946	+13° 181	1.20	50.10719	9.6	81	-48° 357	+39° 525	-4	...	...	I41	-42° 171	+37° 327	0.90	50.10731	10.4
*	57° 707	-59° 609	-4	...	...	...	48° 298	+28° 466	-5	...	...	...	41° 918	-47° 274	-4	...	...
...	57° 674	-37° 119	-5	E	...	...	48° 284	+2° 907	-5	...	...	...	41° 806	-33° 501	0.95	...	...
*	57° 595	+44° 685	1.25	50.10720	9.2	...	48° 245	-5° 073	-5	...	...	*	41° 799	+20° 395	1.00	50.10730	10.0
...	57° 240	+21° 398	0.90	...	...	...	48° 244	+1° 221	0.90	...	...	...	41° 686	+59° 565	-5	...	...
...	-57° 187	+0° 147	-5	...	...	...	-48° 231	-53° 536	-3	...	...	...	-41° 551	+21° 789	-5	...	...
...	56° 880	+16° 896	-2	...	...	*	48° 204	-40° 558	1.20	51.10909	9.4	...	41° 531	+14° 647	-4	...	...
...	56° 871	+23° 445	-3	...	...	...	47° 861	+33° 206	-4	...	...	...	41° 400	-25° 126	-4	...	...
...	56° 866	+0° 363	-3	...	...	...	47° 702	+45° 103	-5	...	...	...	41° 386	+23° 705	-4	...	...
...	56° 756	-17° 693	-5	E	...	...	47° 589	+18° 028	-4	...	...	...	41° 246	-28° 274	0.70	...	...
31	-56° 718	+2° 338	-5	...	...	91	-47° 377	-50° 231	-4	...	...	I51	-41° 158	-32° 098	-2	...	...
...	56° 718	-19° 376	-5	E	...	...	47° 281	+5° 120	0.90	...	...	...	41° 150	+43° 416	-3	...	...
...	56° 455	+6° 786	0.80	...	...	...	47° 273	+15° 918	-4	...	...	*	41° 060	+28° 485	1.00	50.10733	10.0
...	56° 317	+46° 936	-3	...	...	...	47° 245	-11° 366	-4	...	...	...	40° 949	-35° 041	-3	...	...
*	56° 176	+22° 528	1.10	50.10722	9.7	...	47° 217	+52° 064	0.90	50.10726	10.2	*	40° 948	-33° 584	1.00	51.10913	10.0
...	-56° 157	+22° 225	-5	...	...	...	-47° 129	+16° 055	-5	...	...	...	-40° 856	-13° 934	-5	...	...
E	55° 998	-35° 079	0.95	51.10905	10.4	...	47° 021	+51° 877	-4	...	...	...	40° 761	-56° 822	-5	...	...
...	55° 878	+29° 012	-4	...	...	...	46° 954	-23° 865	-5	...	...	...	40° 753	-21° 947	-5	...	...
...	55° 727	-27° 316	-5	E	...	...	46° 691	+0° 405	-4	...	...	...	40° 661	+8° 685	0.70	...	...
E	55° 612	-12° 602	0.95	51.10906	10.4	...	46° 635	+30° 502	-4	...	...	...	40° 604	-28° 357	-5	...	...
41	-55° 332	+32° 431	-5	...	...	101	-46° 596	-19° 564	-4	...	...	I61	-40° 512	+42° 748	2.20	50.10734	8.4
...	54° 777	+6° 457	-3	...	...	...	46° 544	-11° 552	-4	...	...	S *	40° 467	+17° 407	-2	...	...
...	54° 670	-36° 527	0.95	E	...	...	46° 381	+47° 593	-5	...	...	...	40° 453	-34° 559	-4	...	...
...	54° 535	+44° 187	1.00	50.10723	10.4	...	46° 380	-33° 230	-3	...	...	...	40° 408	-38° 820	-4	...	...
...	54° 481	+45° 800	-3	...	...	...	46° 371	+26° 746	-5	...	...	...	40° 401	-18° 949	-2	...	...
...	-54° 424	+18° 613	0.90	...	...	...	-46° 250	-20° 380	0.90	...	...	*	-40° 393	-53° 333	1.60	51.10914	9.0
...	54° 326	-1° 300	-2	E	...	...	46° 146	+6° 969	0.80	...	...	...	40° 124	+24° 209	-4	...	...
...	54° 263	+14° 414	0.80	...	...	S *	46° 095	+2° 628	1.50	50.10725	9.0	...	40° 092	+41° 507	-5	...	...
SE *	53° 900	-12° 061	3.10	51.10908	7.6	...	46° 053	+27° 022	-5	...	...	...	39° 755	+44° 113	-2	...	...
*	53° 546	+39° 144	1.00	50.10724	10.0	...	46° 018	-20° 004	-4	...	...	...	39° 686	-7° 827	0.70	...	...
51	-53° 459	+19° 139	-5	...	...	III	-45° 976	-49° 085	-3	...	...	I71	-39° 184	-44° 312	-3	...	...
E	53° 423	-56° 848	-1	51.10907	10.4	...	45° 874	-56° 204	-5	...	...	...	39° 166	-2° 237	-5	...	...
...	53° 117	+44° 183	-5	...	...	...	45° 832	+35° 447	-3	...	...	...	39° 119	+31° 967	-5	...	...
...	53° 008	+10° 960	-2	...	...	*	45° 307	-15° 796	1.10	51.10910	9.4	...	39° 055	-13° 289	-2	...	...
...	52° 548	+41° 936	-5	...	...	...	45° 262	-46° 434	0.80	...	...	...	38° 933	+25° 184	-5	...	...
...	-52° 187	+8° 886	-2	...	...	...	-44° 863	+23° 774	-4	...	...	*	-38° 885	+25° 869	1.00	50.10735	10.4
...	52° 078	+41° 479	-4	...	...	...	44° 844	-54° 892	-5	...	...	...	38° 867	-46° 872	-4	...	...
...	51° 748	-32° 957	0.90	...	...	...	44° 754	-56° 514	0.85	...	...	...	38° 816	+29° 746	0.95	...	...
...	51° 557	+37° 288	0.90	...	...	...	44° 641	-28° 017	-3	...	...	...	38° 715	+41° 257	-5	...	...
...	51° 359	+7° 265	-5	...	...	†	44° 435	+59° 846	-2	...	...	...	38° 642	+48° 171	0.75	...	...

L measured from 1, 169, 330, 454, 569, 703.

C " " 73, 254, 394, 495, 628, 759.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	z.	y.		No.	Mag.		z.	y.		No.	Mag.		z.	y.		No.	Mag.
181-240						241-300						301-360					
18I	-38.550	+10.102	-3	...	...	24I	-31.180	-3.793	-5	...	...	30I	-23.929	+57.218	-3	...	...
...	38.424	+22.948	0.70	...	...	...	31.177	-27.476	-5	...	...	...	23.915	+46.367	-3	...	...
...	38.414	+36.476	-3	...	...	...	30.748	+20.579	0.80	...	...	...	23.877	-50.578	0.90	51.10929	10.4
...	38.292	+25.741	-5	...	...	...	30.616	-13.054	0.70	...	...	...	23.783	-43.543	-4	...	...
...	38.170	-23.462	-5	...	...	...	30.615	+58.494	-5	...	...	...	23.305	+23.064	0.90	50.10750	10.1
†	-38.155	+54.791	1.00	50.10738	10.4	...	-30.489	+10.148	-5	...	...	...	-23.212	-24.614	-4	...	...
...	38.046	+1.844	1.00	50.10736	9.8	...	30.441	+43.931	-5	...	...	...	23.212	+43.540	0.90	50.10751	10.4
...	38.010	+40.993	-3	...	...	...	30.269	-0.349	-2	...	...	...	23.164	+50.528	-5	...	...
*	37.779	+28.781	1.00	50.10737	9.7	*	30.262	-41.740	1.00	51.10919	9.4	...	23.137	+1.400	-3	...	...
...	37.743	+26.520	0.70	...	...	*	30.249	+55.214	1.15	50.10746	9.8	...	22.951	+50.565	0.80	...	...
19I	-37.709	-53.782	1.00	51.10915	9.8	25I	-30.229	-15.382	-5	...	...	31I	-22.921	+2.116	-4	...	...
...	37.398	-28.238	1.00	...	...	*	30.194	-57.874	1.20	51.10918	9.4	...	22.844	-25.128	0.75	...	...
...	37.263	+25.859	-5	...	...	...	30.187	+1.853	0.80	...	...	...	22.508	-12.242	-2	...	...
...	37.214	+16.446	0.65	...	...	*	29.634	+12.085	3.30	50.10745	8.0	*	22.223	+45.514	1.15	50.10752	9.8
...	36.962	-8.537	-5	...	...	...	29.630	+24.414	-4	...	...	...	22.219	+32.326	-3	...	...
...	-36.872	-16.914	-5	...	...	...	-29.484	-1.618	-4	...	...	*	-22.081	+46.276	1.00	50.10753	10.0
...	36.733	-27.093	-5	...	...	...	29.321	-18.103	-4	...	...	...	21.985	-22.245	0.90	51.10930	10.4
*	36.451	+12.317	2.00	50.10739	8.6	*	29.226	+54.598	1.20	50.10747	9.4	...	21.860	-52.019	0.70	...	...
...	36.412	+48.335	-5	...	...	...	29.208	-15.597	0.90	51.10920	10.0	...	21.801	+37.164	0.95	50.10754	10.0
...	36.166	-10.231	-2	...	...	...	29.202	-32.723	-4	...	...	...	21.746	+48.548	-5	...	...
20I	-36.149	+0.738	1.00	51.10916	10.0	26I	-29.192	-39.175	-4	...	...	32I	-21.665	-46.945	-2	...	...
...	36.098	-8.146	-3	...	...	†	29.175	-59.799	1.00	52.11160	10.1	...	21.632	-55.744	0.80	...	...
...	36.090	-26.453	-5	...	...	...	28.845	+39.605	-5	...	...	...	21.466	-46.941	-5	...	...
*	35.750	-12.309	2.10	51.10917	8.4	...	28.793	-38.254	-5	...	...	...	21.309	+23.154	-4	...	...
...	35.598	-18.427	-2	...	...	...	28.731	+58.483	-5	...	...	...	21.014	+35.425	-5	...	...
†	-35.185	-47.432	-5	...	...	...	-28.412	-2.758	-3	...	...	...	-20.699	+30.510	0.90	...	...
...	35.161	+18.088	-5	...	...	...	28.222	+23.778	0.80	...	...	...	20.637	+6.126	-5	...	...
†	34.927	+16.286	0.95	50.10740	10.4	...	28.119	+12.150	-2	...	...	...	20.579	-55.410	-5	...	...
...	34.894	-12.785	0.75	...	...	...	27.741	+34.190	-3	...	...	...	20.069	+45.260	-5	...	...
...	34.741	+25.091	-5	...	...	...	27.685	+3.988	-5	...	...	...	19.848	+28.741	1.00	50.10755	9.8
21I	-34.627	+47.124	0.90	...	...	27I	-27.672	-40.224	1.05	51.10921	9.6	33I	-19.830	-23.565	0.90	51.10931	10.2
...	34.500	-21.477	-4	...	...	*	27.570	-50.009	-3	...	...	...	19.653	+58.278	-3	...	...
...	34.416	+40.190	-2	...	...	...	27.551	+1.610	-5	...	...	...	19.419	-0.940	-5	...	...
...	34.244	-42.047	-2	...	...	...	27.368	+2.907	-5	...	...	...	19.404	-30.523	-5	...	...
...	34.154	+53.564	-2	...	...	*	27.326	-27.577	0.95	51.10923	10.0	...	19.345	+22.469	-3	...	...
...	-34.147	-17.326	-5	...	...	...	-27.318	-50.479	0.90	51.10922	10.4	...	-19.229	+6.532	0.85	...	...
...	33.289	-47.585	0.90	...	...	...	27.276	-6.332	-2	...	...	...	18.722	-0.319	0.90	51.10933	10.4
...	33.231	-26.188	-3	...	...	...	27.118	+26.624	-3	...	...	...	18.595	-48.673	1.00	51.10932	10.4
*	33.128	+5.411	1.40	50.10741	9.0	...	27.054	+25.608	-5	...	...	...	18.583	-26.250	-4	...	...
...	33.100	+17.865	-5	...	...	...	27.029	+7.266	0.65	...	...	...	18.445	+16.873	-5	...	...
22I	-32.954	+30.320	1.00	50.10742	10.1	28I	-26.985	+50.981	-4	...	...	34I	-18.330	-20.399	-2	...	...
...	32.892	+16.464	-5	...	...	...	26.864	-48.337	0.90	51.10924	10.2	...	18.128	-56.373	-2	...	...
...	32.826	+35.857	-4	...	...	...	26.804	-37.533	-4	...	...	...	17.842	+1.831	-2	...	...
...	32.818	+15.163	0.65	...	...	...	26.659	-49.380	0.90	51.10925	10.2	...	17.766	+27.930	0.95	50.10756	10.0
...	32.667	+8.591	0.65	...	...	...	26.505	+42.806	-4	...	...	...	17.736	-19.558	-2	...	...
...	-32.653	-22.873	-3	...	...	...	-26.453	-44.635	-5	p	...	...	-17.547	-3.457	-5	...	...
...	32.639	+32.665	0.70	...	...	...	26.244	-43.548	-5	...	...	...	16.800	-9.640	-1	...	...
*	32.610	+51.104	1.35	50.10743	9.2	...	26.143	-19.757	0.95	51.10926	10.0	...	16.748	-23.005	-3	...	...
...	32.489	-37.740	-3	...	...	...	25.700	+11.790	0.95	50.10748	10.4	...	16.718	-56.106	-4	...	...
*	32.126	+27.528	1.10	50.10744	9.6	*	25.630	-20.917	1.00	51.10927	9.8	...	16.551	+8.842	0.70	...	...
23I	+32.113	+52.651	-5	...	...	29I	-25.509	+6.379	-5	...	...	35I	-16.512	-25.889	1.00	51.10934	9.6
...	32.076	+57.833	-5	...	...	...	25.342	-17.054	-2	...	...	*	16.358	-57.510	-2	...	...
...	32.060	+3.804	-5	...	...	...	25.211	+11.711	-2	...	...	...	16.103	-2.796	1.00	51.10935	9.8
...	32.025	-8.099	-5	...	...	...	25.086	+39.517	-5	...	...	...	15.539	+36.283	-2	...	...
...	32.014	+16.076	-3	...	...	*	24.860	+10.441	1.00	50.10749	10.2	...	15.445	-8.705	0.85	...	...
...	-31.950	+38.580	-3	...	...	S *	-24.669	-24.547	2.00	51.10928	8.4	...	-15.348	-58.560	-3	...	...
...	31.804	-58.898	-1	...	...	...	24.591	+12.322	-5	...	...	...	15.275	+43.995	0.70	...	...
...	31.713	+57.628	-5	...	...	...	24.513	-6.660	-2	...	...	†	15.248	-54.335	-3	...	...
...	31.380	-50.394	-5	...	...	...	24.388	+20.022	-4	...	...	...	15.200	+26.057	0.90	...	...
...	31.323	+32.903	-5	...	...	...	24.244	+10.388	-5	...	...	*	15.169	+23.549	1.00	50.10757	9.8

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-420						421-480						481-540					
36I	-14.620	-44.074	-5	°	...	42I	-5.078	-30.350	-5	°	...	48I	+5.997	+5.721	-2	°	...
...	14.495	+28.847	0.85	...	...	...	4.951	+15.291	-3	...	...	...	7.144	-48.177	0.90	51.10948	10.4
...	14.343	-28.244	-5	...	...	...	4.748	+13.338	0.75	...	...	...	7.170	-50.717	0.80	...	...
...	14.282	+30.747	-3	...	...	...	4.461	-9.693	0.70	...	...	...	7.678	+49.679	1.00	50.10772	9.8
...	14.192	-27.739	-2	...	...	...	4.455	+52.292	0.90	50.10762	10.4	...	7.679	-38.474	-4	...	...
...	-14.093	-1.244	-5	...	...	...	-4.349	-39.616	-3	...	...	*	+7.792	-27.741	1.10	51.10949	9.8
...	13.981	-36.880	-4	...	...	...	4.249	+35.128	-5	...	...	...	8.067	+24.636	1.00	50.10773	10.0
...	13.668	+38.885	0.70	...	...	...	4.213	-16.413	-3	...	...	...	8.070	-9.126	1.00	51.10950	10.0
...	13.515	+34.214	-5	...	...	...	4.113	-28.026	-5	p	...	...	8.180	+39.754	-5	...	...
...	13.438	-35.600	0.70	...	...	†	4.052	+24.849	-4	...	...	...	8.217	-18.451	-5	...	...
37I	-13.258	+43.674	0.90	...	...	43I	-3.932	-19.383	-4	...	...	49I	+8.233	-2.982	-3	...	...
...	13.223	+1.618	-5	...	...	...	3.926	+35.259	0.70	...	...	*	8.419	+54.122	1.20	50.10774	9.2
...	13.134	-39.010	0.70	...	...	...	3.865	+41.623	-5	...	...	...	9.278	-23.990	-4	...	...
...	13.109	-4.495	-4	...	...	...	3.839	+51.380	-3	...	...	†	9.772	-8.626	-4	...	...
...	13.102	-1.818	-5	...	...	...	3.770	+48.775	-2	...	...	...	9.946	-18.704	-5	...	...
...	-12.881	+45.264	0.65	...	...	...	-3.656	-40.386	-5	...	...	...	+10.062	+41.514	-5	...	...
†	12.788	-29.878	-4	...	...	...	3.509	+0.204	-5	a	...	...	10.312	-48.062	-4	...	...
†	12.752	-54.829	1.10	51.10936	9.6	...	3.419	+48.232	0.70	...	...	...	10.331	+10.357	-3	...	...
...	12.592	-38.165	-4	...	...	...	3.278	-31.240	-5	...	...	...	10.368	-47.953	-5	...	...
...	12.118	+26.991	0.65	...	...	...	2.734	-41.884	-5	...	...	...	10.506	-6.452	0.95	51.10951	10.4
38I	-12.116	+44.562	0.80	...	...	44I	-2.626	-19.713	1.20	51.10942	9.4	50I	+10.666	-11.484	-3	...	...
...	12.086	+22.132	0.70	...	...	...	2.555	+51.413	-4	...	...	...	10.677	-13.207	-5	...	...
...	11.855	+35.950	-2	...	...	...	2.424	-2.438	-3	...	...	*	10.749	-23.647	1.30	50.10775	9.2
...	11.807	+19.354	-3	...	...	*	2.422	-59.678	1.20	52.11182	9.4	...	10.836	-49.431	0.85	...	...
...	11.595	+46.366	-5	...	...	...	1.687	-10.903	0.90	...	...	...	10.935	-31.044	0.70	...	...
...	-11.180	+12.546	-5	...	...	...	-1.547	+56.083	-5	...	...	...	+10.987	-5.639	-2	...	...
...	10.967	+26.048	-5	...	...	...	1.336	+19.327	-3	...	...	...	11.061	-8.816	0.65	...	...
...	10.963	+38.605	-5	...	...	S *	1.319	+46.388	2.20	50.10763	8.1	...	11.349	-33.487	-4	...	...
*	10.780	-12.826	1.20	51.10938	9.4	...	1.131	+54.024	-4	...	...	...	11.377	+33.710	-4	...	...
...	10.754	+23.242	-3	...	...	...	0.770	-42.182	0.70	...	...	...	11.411	-23.171	0.85	...	...
39I	-10.640	-43.429	1.00	51.10937	10.0	45I	-0.769	+13.509	-5	...	...	51I	+11.492	52.591	-2	...	...
...	10.390	-26.614	-5	...	...	...	0.395	+35.375	1.00	50.10764	10.1	...	11.587	-58.168	0.95	51.10952	10.4
*	10.354	+3.079	1.00	50.10758	9.8	...	-0.206	+34.445	0.95	50.10765	10.2	...	11.745	-21.432	-4	...	...
...	10.011	-57.844	-5	p	...	*	+0.137	+57.767	1.00	50.10766	10.0	...	11.917	-2.820	-2	...	...
...	9.678	+16.517	-5	...	...	*	0.631	-30.813	1.10	51.10943	9.6	*	11.997	-25.788	1.10	51.10953	9.6
...	-9.629	-12.650	0.80	51.10939	10.2	...	+0.693	-5.744	-2	...	...	...	+12.099	-41.434	-4	...	...
...	9.416	-59.427	-5	p	...	...	0.880	-8.579	-4	...	...	...	12.250	-46.507	-5	...	...
n *	9.391	-49.597	1.00	51.10940	9.6	...	0.972	+24.065	-5	...	...	...	12.336	-24.600	-5	...	...
...	9.297	-34.823	-3	...	...	...	1.012	-26.633	0.90	...	...	...	12.380	-53.474	0.75	...	...
...	9.029	-5.511	-1	...	...	...	1.236	+11.657	0.90	50.10767	10.4	...	12.397	-36.415	-5	...	...
40I	-8.972	+40.532	1.00	50.10759	10.0	46I	+1.340	-36.162	-3	...	...	52I	+12.600	-29.357	-5	p	...
...	8.644	+25.827	-4	...	...	†	1.407	-54.926	-2	...	...	*	12.675	+51.658	1.50	50.10776	9.0
...	8.376	+47.097	-5	...	...	...	1.493	-33.767	-3	...	...	...	12.712	-49.955	-1	...	...
...	8.160	+38.095	-4	...	...	*	1.593	+27.475	1.20	50.10768	9.4	...	12.876	-26.231	-4	...	...
...	7.834	+46.358	0.90	50.10760	10.2	...	1.715	+0.833	-5	...	...	...	12.896	-12.619	-3	...	...
...	-7.810	+20.465	-5	...	...	...	+1.831	+48.507	-5	...	...	...	+12.938	+11.724	-5	...	...
...	7.808	-9.303	-5	...	...	...	1.875	+30.797	-5	...	...	...	13.323	-30.903	1.00	51.10954	10.0
...	7.803	-50.655	-5	...	...	...	2.107	-51.848	1.00	51.10944	10.0	...	13.568	-4.253	0.75	...	...
...	7.552	-11.214	-3	...	...	...	2.141	-27.932	0.90	51.10945	10.4	...	13.698	17.933	-5	...	...
N	7.434	+19.848	-5	...	...	...	2.627	-44.298	-2	...	...	...	13.779	+17.323	-5	...	...
41I	-7.414	-28.814	-4	...	...	47I	+3.248	+41.411	1.00	50.10769	10.0	53I	+14.013	-15.287	-4	...	...
...	7.330	-4.818	0.80	...	...	...	3.408	-20.904	-4	...	...	...	14.036	-26.705	-3	...	...
*	7.170	+40.218	0.95	50.10761	10.2	...	3.465	-32.016	0.90	51.10946	10.2	†	14.345	+39.860	-5	...	...
S *	6.980	-42.657	2.50	51.10941	7.8	*	3.721	+16.569	1.00	50.10770	9.8	...	14.377	+9.408	-3	...	...
...	6.545	+43.312	-2	...	...	...	3.763	-29.641	-2	...	...	†	14.429	-5.079	0.70	51.10955	10.4
†	-6.329	-54.911	-4	...	...	*	+3.828	+30.263	2.00	50.10771	8.5	...	+14.510	+38.915	-2	...	...
...	5.994	+26.346	-5	...	...	...	4.243	+8.628	0.85	...	...	...	14.513	-42.885	-5	...	...
...	5.980	-2.871	-4	...	...	...	5.164	-32.168	-4	...	...	...	15.043	+3.645	-5	...	...
*	5.825	-59.393	1.50	52.11179	8.9	...	5.201	+15.868	-5	...	...	...	15.189	-49.673	-4	...	...
...	5.239	+52.280	-5	...	...	*	5.833	-12.603	1.00	51.10947	9.8	...	15.919	+52.517	-5	...	...

398. C.P.D. 51°. 10940, co-ordinates are -7.9 and -49.5 from C.P.D. and Cord. D.

410. Mass. 50°93, two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
541-600						601-660						661-720					
54I	10.150	+24.773	-4	...	...	60I	+26.500	+27.769	-5	...	...	66I	+34.577	-52.353	1.00	51.10971	10.0
...	16.103	+59.440	-5	...	...	...	26.608	-7.820	-5	...	...	...	34.671	+32.606	-4	...	...
*	16.256	+41.287	1.70	50.10777	8.8	*	26.734	+3.279	1.00	50.10785	9.8	...	34.679	+24.569	0.70	...	...
...	16.362	+48.477	-5	...	...	...	26.974	+51.358	-5	...	...	†	34.763	-37.178	1.00	51.10972	10.0
...	16.468	-2.066	-5	...	...	...	27.320	-22.784	-4	...	...	†	34.778	+17.707	-2	...	...
...	16.711	+22.883	-4	...	...	†	+27.428	+44.834	1.00	50.10786	9.6	...	+34.893	-27.642	0.90	51.10973	10.0
...	16.758	-55.984	0.70	...	...	†	27.488	-18.559	-2	...	...	...	34.934	-30.204	-4	...	...
*	16.838	-22.055	1.50	51.10956	9.0	†	27.713	+54.792	-1	...	...	...	35.046	+22.038	-5	...	...
...	16.870	-17.276	-4	...	...	...	27.798	-38.715	0.75	...	...	...	35.088	-26.753	-2	...	...
...	16.985	-11.236	-5	p	...	...	27.886	+25.970	-4	...	...	...	35.204	+25.439	-3	...	...
55I	17.028	+36.686	-5	...	...	61I	+28.111	+32.712	-2	...	...	67I	+35.206	-18.451	-4	...	...
S *	17.714	+18.983	1.45	50.10778	9.0	...	28.124	+1.553	-4	...	...	...	35.361	-32.988	-5	...	...
...	17.895	-19.072	-4	...	...	...	28.143	+5.669	-5	...	...	...	35.604	+13.556	-5	...	...
...	18.032	+29.646	-5	...	...	...	28.204	-17.349	0.90	...	...	...	35.733	-26.223	-5	...	...
...	18.080	-14.857	-4	...	...	*	28.423	-9.447	1.00	51.10964	9.4	*	35.750	+32.679	1.30	50.10792	9.4
...	18.108	+24.629	-5	...	...	...	+28.593	+20.845	-5	...	...	...	+35.869	+15.662	-4	...	...
...	18.183	+1.616	0.85	50.10779	10.0	...	28.685	+34.213	-5	...	...	...	35.899	+53.875	-4	...	...
...	18.233	+53.689	-2	...	...	...	28.723	+48.230	-3	...	...	...	36.087	-57.165	-5	...	...
...	18.425	-27.553	-2	...	...	...	28.862	+17.517	0.85	...	...	...	36.231	+3.395	-5	...	...
...	18.502	-57.238	0.85	51.10957	10.4	...	29.063	-38.236	0.95	51.10965	10.0	...	36.469	+26.711	-2	...	...
56I	18.616	-11.960	-5	...	...	62I	+29.069	+48.735	-5	...	...	68I	+36.870	+28.995	-4	...	...
...	18.719	+29.239	-5	...	...	...	29.324	-4.941	-5	...	...	...	36.989	+10.104	-5	...	...
...	18.923	-3.452	-5	...	...	S *	29.334	-16.644	2.10	51.10966	7.9	...	36.997	+10.427	-2	...	...
*	19.027	+16.090	1.15	50.10781	9.4	...	29.506	+6.726	-5	...	...	...	37.004	+38.161	0.75	...	...
*	19.061	+58.218	1.05	50.10780	10.0	...	29.566	-23.717	-4	...	...	...	37.304	-27.182	-5	...	...
...	+19.355	-58.842	0.85	52.11198	10.4	...	+29.636	+27.434	-5	...	...	...	+37.395	-4.853	0.70	...	...
...	19.380	+7.986	0.70	...	...	...	29.657	-0.914	0.90	51.10967	10.4	†	37.449	-49.955	-4	...	...
†	19.809	+15.283	1.00	50.10782	9.8	...	29.766	-58.142	-5	...	...	...	37.516	-12.838	-5	...	...
...	20.101	-42.164	0.95	51.10958	10.4	†	29.827	-16.462	-3	...	...	...	37.548	-37.478	-4	...	...
...	20.225	+33.454	0.80	...	...	...	29.922	-8.395	-5	p	...	...	38.034	+43.844	-1	...	...
57I	+20.539	+18.756	-5	...	...	63I	+29.981	-17.846	-5	...	...	69I	+38.186	-35.960	1.10	51.10974	9.8
...	20.747	+10.536	0.75	...	...	*	30.015	-8.601	1.05	51.10968	9.6	*	38.212	+19.210	1.15	50.10793	9.8
S *	20.747	-44.437	2.50	51.10959	7.8	...	30.225	+28.563	-3	...	...	...	38.524	-7.632	-2	...	...
†	20.862	+19.820	0.70	...	...	...	30.251	+33.991	-3	...	...	...	38.548	-12.038	-4	...	...
...	20.879	-16.297	0.75	...	...	...	30.323	+33.978	-2	...	...	...	38.619	+43.710	5	...	...
...	+20.924	-1.304	0.80	51.10960	10.2	*	+30.378	-57.459	1.10	51.10969	9.6	...	+38.699	+8.372	0.70	...	...
...	21.181	+51.554	0.90	50.10783	10.4	...	30.638	-58.696	-4	...	...	...	38.779	+2.399	-5	...	...
...	21.559	-55.368	-5	...	...	...	31.209	-33.169	-4	...	...	...	39.137	-39.115	-5	...	...
...	21.863	+40.233	-3	...	...	...	31.362	-36.422	0.75	...	...	*	39.187	+28.929	1.60	50.10794	8.8
...	21.978	-11.410	-5	...	...	...	31.426	+49.223	0.90	50.10787	10.4	...	39.365	50.000	0.80	51.10975	10.4
58I	+22.476	-24.457	0.95	51.10961	9.8	64I	+31.595	-19.080	-5	...	...	70I	+39.460	-35.345	-5	...	...
...	22.714	+12.605	-5	...	...	...	31.626	-2.991	-4	...	...	...	39.699	+16.680	0.70	...	...
...	22.881	-24.206	-3	...	...	...	31.667	+39.865	-3	...	...	...	40.539	-35.811	-5	...	...
...	23.301	+47.075	-3	...	...	...	31.734	+36.591	-5	...	...	†	40.543	+14.787	-5	...	...
...	23.421	+16.983	-5	...	...	...	31.813	+19.554	-4	...	...	...	40.887	+33.643	-5	...	...
...	+23.615	+23.913	0.80	...	...	...	+32.188	+20.244	-2	...	...	...	+41.036	+32.037	-5	...	...
...	23.884	-51.134	0.90	...	...	...	32.211	-35.094	-3	...	...	...	41.204	-6.389	0.85	...	...
...	24.031	-42.480	-3	...	...	†	32.542	+54.782	1.00	50.10788	10.0	...	41.344	+11.575	0.80	...	...
...	24.150	-25.508	-5	...	...	*	33.110	+53.980	1.05	50.10789	10.0	...	41.531	+17.943	-5	...	...
...	24.372	-49.621	-5	...	...	...	33.153	-5.798	-5	...	...	*	41.567	-42.979	1.15	51.10976	9.8
59I	+24.810	-51.780	-2	...	...	65I	+33.342	+15.548	-3	...	...	71I	+41.613	+39.973	-5	...	...
†	24.972	-33.326	0.95	51.10962	10.4	...	33.505	+47.600	-4	...	...	...	41.630	-15.267	0.90	...	...
...	25.181	-6.637	0.70	...	...	...	33.802	-59.221	-3	...	...	...	41.731	-29.235	-1	...	...
...	25.240	+21.956	-4	...	...	...	33.838	+0.018	-4	...	...	...	41.865	+41.234	0.85	...	...
...	25.331	+45.288	-4	...	...	...	33.866	-50.486	-4	...	...	...	41.901	-18.956	0.80	...	...
*	+25.471	-47.978	1.00	50.10784	9.6	S *	+33.965	26.083	3.65	50.10790	7.9	...	+42.334	29.448	-1	...	...
...	25.595	-8.307	0.85	...	...	...	34.032	-15.878	-5	...	...	...	42.674	-17.708	-2	...	...
...	26.265	+33.844	-4	...	...	...	34.160	+36.541	1.00	50.10791	10.2	...	42.787	-27.326	-4	...	...
...	26.387	+16.446	0.85	...	...	*	34.172	-27.173	1.00	51.10970	10.2	...	42.872	+45.925	-5	...	...
...	26.444	-47.696	1.00	51.10963	10.0	...	34.196	-29.753	-2	...	...	...	42.883	-21.818	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
721-760						761-800						801-833					
72I	+43°050	+56°84I	-3	...	...	76I	+49°86I	-13°895	-5	<i>p</i>	...	80I	+55°558	+52°700	-5	...	...
...	43°330	+4°73I	-5	...	...	...	49°9I8	-34°364	-5	<i>p</i>	...	†	56°I8I	-10°II4	-4	<i>e</i>	...
*	43°4I5	-8°408	I°00	5I.I0977	9·8	...	50°044	+44°934	0·85	...	...	...	56°206	-8°770	-2	<i>e</i>	...
...	43°623	-35°529	-3	...	...	...	50°II2	+5I°755	-4	...	...	...	56°22I	+3°530	-3	...	...
...	43°760	-27°299	-2	...	...	...	50°I65	+20°45I	0·65	...	...	*	56°28I	-59°67I	I·30	52.II2I9	9·6
...	+44°I65	+26°305	-2	...	...	...	+50°282	-4I°070	I°00	5I.I098I	IO·4	...	+56°60I	-0°682	-5	<i>e</i>	...
...	44°274	-34°37I	0·75	...	...	...	50°290	-12°359	-5	<i>p</i>	...	...	56°650	+56°992	-4	...	...
...	44°4I9	+4°969	I°00	50.I0795	IO·2	...	5I°007	+26°694	-5	...	...	...	56°689	+32°540	-5	...	...
...	44°5I5	+48°29I	-5	...	...	...	5I°I53	+37°609	-5	...	...	...	56°732	+40°647	0·90	...	...
...	44°630	+40°992	-3	...	...	...	5I°464	-5I°I77	-3	<i>e</i>	...	...	56°767	-5I°224	-5	<i>e</i>	...
73I	+44°84I	-49°39I	-5	...	...	77I	+5I°495	-9°937	-2	...	...	8II	+56°884	+44°069	I·70	50.I0804	8·8
...	44°9I6	-56°086	-5	...	...	...	5I°545	+12°848	-5	...	...	...	56°957	-12°04I	-3	<i>e</i>	...
...	45°437	-8°204	0·85	...	...	...	5I°563	-0°250	-5	<i>f</i>	...	...	57°028	-17°938	-5	<i>p</i>	...
...	45°764	-52°578	-5	...	...	...	5I°660	-5I°008	-3	<i>e</i>	...	†	57°064	+34°832	-5	...	...
...	45°908	-19°024	-I	...	...	...	5I°773	+27°896	0·80	...	...	...	57°073	+5°2I5	-5	...	...
...	+46°263	-7°680	-5	...	...	...	+5I°974	+34°0I6	-4	...	...	...	+57°I38	-9°5I8	-4	<i>e</i>	...
...	46°300	+43°86I	I°00	50.I0796	IO·2	...	52°I54	-22°593	-2	...	...	...	57°260	-20°593	-5	<i>p</i>	...
*	46°553	-50°726	I·40	5I.I0978	9·4	*	52°384	+13°703	I·05	50.I0800	IO·0	...	57°460	-57°6I3	-5	<i>e</i>	...
...	46°800	+20°429	-5	...	...	...	52°565	+17°609	-4	...	...	*	57°778	+44°244	I·60	50.I0805	9·2
...	46°823	+22°009	I°00	50.I0797	IO·2	...	52°735	+14°I82	-5	...	...	...	57°820	+15°537	0·85	...	...
74I	+47°092	+35°860	0·80	...	...	78I	+52°806	+2I°407	I·60	50.I080I	8·8	82I	+58°I76	+44°I00	0·85	...	...
...	47°I7I	-12°826	0·85	...	...	...	52°927	-23°I23	-4	<i>e</i>	...	...	58°3I8	-34°247	-5	<i>e</i>	...
*	47°292	+57°689	I·80	50.I0798	8·9	<i>e</i> *	52°937	-8°926	I·35	5I.I0982	9·2	...	58°4I7	+18°680	-5	...	...
...	47°336	-38°426	-5	...	...	...	53°I53	-39°287	-5	<i>e</i>	...	*	58°456	+57°53I	I·40	50.I0806	9·4
...	47°4I7	-23°448	-3	...	...	<i>e</i> *	53°205	-44°084	I·50	5I.I0983	9·2	...	58°990	-9°857	-5	<i>e</i>	...
...	+47°853	-58°8I2	-5	...	...	...	+53°248	+2°239	0·80	...	...	<i>e</i>	+59°032	-5I°475	I·I5	5I.I0986	9·8
*	47°904	-18°946	I·25	5I.I0979	9·0	...	53°276	+16°475	-5	...	...	...	59°I29	+37°780	-4	...	...
*	47°954	-5I°558	I·45	5I.I0980	9·2	...	53°288	+16°093	-4	...	...	<i>e</i> *	59°2I2	-32°249	I·20	5I.I0985	9·4
...	47°968	-II°635	-5	...	...	<i>e</i>	53°467	-36°384	I·00	5I.I0984	IO·0	...	59°388	-52°I27	-5	<i>e</i>	...
...	48°II3	-23°433	-I	...	...	...	54°I69	+II°089	-5	...	...	...	59°45I	+50°I9I	-4	...	...
75I	+48°226	+24°780	-5	...	...	79I	+54°2I0	+8°438	0·75	...	...	83I	+59°456	+12°742	-5	...	...
...	48°357	+8°66I	0·80	...	...	...	54°249	+20°5I7	-5	...	...	†	59°6II	-28°373	0·75	<i>e</i>	...
...	48°698	-II°204	-5	...	...	...	54°33I	+54°528	I°00	50.I0802	IO·0	†	59°698	+22°I73	0·70	...	...
...	48°85I	+12°643	-3	...	...	...	54°409	+57°660	I°00	50.I0803	IO·0	...					
...	48°85I	+4°904	-5	...	...	...	54°7II	-I°035	-4	<i>e</i>	...						
...	+48°862	-7°349	0·70	...	...	...	+54°76I	+0°500	-3	...	...						
...	49°494	+20°925	0·95	50.I0799	IO·I	...	54°76I	-4°4I3	-4	<i>e</i>	...						
...	49°5I7	+17°357	-5	...	...	...	54°873	+II°422	0·75	...	...						
†	49°740	-35°993	0·75	...	...	...	55°039	-3°440	-4	<i>e</i>	...						
...	49°823	-2I°556	0·90	...	...	...	55°078	-45°323	0·75	<i>e</i>	...						

1-10						11-20						21-30					
I						II						2I					
E *	-60°027	-9°079	I·40	5I.I0982	9·2	...	-58°604	+0°4I3	0·70	...	...	...	-58°083	+2°750	-5	...	...
...	59°9I0	+20°395	-4	...	...	...	58°565	-I°II9	0·70	E	...	...	57°772	-20°2I0	-5	...	...
...	59°898	+52°589	-4	...	...	...	58°563	-39°395	-5	E	...	*	57°352	+44°223	I·60	50.I0805	9·2
...	59°754	-5I°338	-4	E	...	...	58°39I	-4°496	-2	E	...	...	57°253	+3°497	-2	...	...
...	59°6I2	+10°978	-4	...	...	E *	58°368	-36°470	I·00	5I.I0984	IO·0	*	57°225	+57°538	I·80	50.I0806	9·4
...	-59°580	-5I°I45	-4	E	...	E *	-58°3I6	-44°I84	I·30	5I.I0983	9·2	...	-56°950	+44°II1	I·00	...	...
...	59°474	+8°325	0·85	...	...	...	58°254	+40°597	I·00	...	...	...	56°767	-8°783	0·75	E	...
...	59°447	-23°249	-4	E	...	...	58°236	+44°022	2·00	50.I0804	8·8	...	56°738	-10°I24	-3	E	...
...	59°0I4	+56°928	-3	...	...	...	58°I56	-3°5I2	-4	E	...	...	56°704	-0°690	-5	E	...
...	58°926	+II°324	0·95	...	...	...	58°I3I	-4°576	-5	...	...	...	56°654	-34°278	-5	...	...

L measured from 1, 150, 321, 497, 648, 792.

C " " 74, 224, 406, 565, 710, 862.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
31-90						91-150						151-210					
3I	-56'46I	+ 5'223	-5	...	...	9I	-46'875	-56'129	0'90	...	...	15I	-39'997	+ 5'860	0'75	...	...
...	56'40I	-45'333	0'95	E	...	...	46'865	-31'933	1'00	5I.I099I	10'0	...	...	39'995	-15'208	0'90	...
...	56'264	-33'245	-5	...	...	...	46'608	-30'033	-4	...	...	...	...	39'909	+57'62I	-5	...
†	56'129	+15'558	0'95	...	...	...	46'337	-8'738	0'80	...	...	...	...	39'875	+23'395	0'85	...
...	55'932	+50'250	-3	...	...	...	46'320	+21'773	-4	...	...	...	...	39'852	-3'652	-5	...
...	-55'89I	-12'027	-2	E	...	*	-45'966	+11'589	1'00	50.I0810	10'4	...	...	-39'848	+24'475	-3	...
...	55'81I	-9'493	-3	E	...	...	45'764	-15'336	-4	...	...	*	...	39'75I	-23'568	2'00	5I.II000
...	55'743	+37'823	-2	...	...	...	45'309	-33'342	-5	...	...	...	...	39'538	-2'372	-5	...
...	55'679	+18'717	-2	...	...	...	45'269	-10'244	-3	...	...	...	...	39'440	+8'448	0'70	...
†	55'059	+27'490	-5	...	...	†	45'213	-27'373	-3	...	...	...	...	39'360	+52'478	-3	...
4I	...	...	...	...	...	10I	...	...	...	...	...	16I	...	...	...	...	...
...	-54'529	+22'265	0'90	...	...	...	-45'152	-56'528	-5	p	...	...	...	-39'358	+6'065	0'85	...
...	54'479	+39'892	0'65	...	...	S *	45'09I	-27'773	2'15	5I.I0992	8'4	...	...	39'010	+52'017	-4	...
...	54'469	-51'152	-5	E	...	†	45'042	-44'409	-3	...	...	...	...	38'883	+1'543	0'90	...
...	54'402	+12'802	-5	...	...	...	45'027	+38'135	-2	...	...	...	...	38'729	-51'922	-5	...
...	54'25I	+26'328	-3	...	...	...	44'922	+9'65I	0'90	...	...	...	...	38'166	+43'296	-5	...
...	-53'929	-9'76I	-4	E	...	...	-44'54I	+6'308	0'75	...	...	...	...	-38'127	+30'14I	-4	...
...	53'703	+43'956	-I	...	...	*	44'539	-39'112	1'10	5I.I0993	9'6	...	...	37'82I	+33'75I	-5	...
...	53'605	-34'134	-5	E	...	...	44'30I	-3'743	-2	...	...	*	...	37'778	-0'884	1'25	5I.II00I
...	53'508	-57'516	-5	E	...	...	44'256	+28'559	-5	...	...	...	...	37'635	-38'750	0'70	...
...	52'947	-11'537	0'70	...	...	*	44'200	+5'820	1'00	50.I081I	10'4	...	...	37'472	-43'419	-4	...
5I	...	...	...	...	...	III	...	...	...	...	...	17I	...	...	...	...	...
...	-52'863	+42'470	-I	...	...	...	-44'063	-15'107	-4	...	...	...	...	-37'115	-30'749	-4	...
E *	52'816	-32'114	1'05	5I.I0985	9'4	...	44'027	+36'775	-4	...	...	...	...	36'873	-32'879	-2	...
...	52'557	-28'218	0'95	E	...	...	43'904	+35'157	-4	...	...	SN *	...	36'727	+1'336	5'00	50.I0815
...	52'219	+19'507	-5	A	...	...	43'855	+40'516	-4	...	...	...	...	36'707	+10'083	0'90	...
E	52'198	-51'308	1'10	5I.I0986	9'8	...	43'715	-20'193	-3	...	...	...	...	36'689	-0'056	-2	F
...	-52'103	-3'222	-5	...	...	*	-43'649	-32'748	1'25	5I.I0994	9'4	...	...	-36'490	-43'24I	0'95	5I.II003
...	51'902	+21'714	0'85	...	...	...	43'373	+41'039	-4	...	...	...	...	36'36I	+42'507	-4	...
...	51'798	-51'95I	-5	E	...	...	43'344	+7'643	-5	...	...	...	...	36'335	-4'262	0'90	...
...	51'630	-38'733	0'95	...	...	...	43'233	-28'247	-3	...	...	...	...	36'329	+46'739	-5	...
...	51'349	+29'015	0'75	...	...	...	42'959	-44'060	-3	...	...	...	...	36'254	-53'084	1'00	5I.II002
6I	...	...	...	...	...	12I	...	...	...	...	...	18I	...	...	...	...	...
*	-51'222	-29'163	1'00	5I.I0987	10'0	*	-42'948	+28'43I	1'00	...	...	†	...	-36'197	+45'36I	1'00	50.I0816
...	51'202	+58'25I	1'20	50.I0807	10'2	...	42'87I	-46'282	-4	...	...	...	...	36'15I	+20'199	0'95	...
...	50'992	+30'560	0'65	...	...	...	42'766	+17'704	0'75	...	...	...	...	36'087	+43'160	-3	...
...	50'916	+19'992	-5	...	...	...	42'644	+38'58I	0'95	50.I0812	10'4	...	...	36'02I	+22'526	-5	...
†	50'894	-24'396	1'00	5I.I0988	10'0	*	42'603	-31'736	1'10	5I.I0995	9'8	...	...	35'933	+6'715	-3	...
...	-50'795	-41'342	0'70	...	...	...	-42'546	+31'713	0'70	...	...	...	...	-35'920	-24'224	0'90	...
...	50'793	-36'707	-3	...	...	...	42'473	-12'823	-5	p	...	...	...	35'388	+13'436	-5	...
...	50'687	+34'392	-5	...	...	*	42'393	-18'730	1'40	5I.I0996	9'4	...	...	35'379	-53'758	1'20	5I.II004
...	50'545	+29'157	-5	...	...	...	42'363	-46'845	0'65	...	...	†	...	34'923	-9'536	-5	...
...	50'539	+13'69I	0'90	...	...	...	42'352	+23'707	-5	...	...	...	...	34'632	-46'22I	-5	p
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
...	-50'514	+18'438	-5	...	...	...	-42'083	+8'363	-5	...	...	...	...	-34'629	+21'704	0'85	...
...	50'43I	+21'813	0'70	...	...	...	42'057	-31'634	-3	...	...	...	...	34'259	+2'662	0'80	...
...	50'425	+23'286	0'85	...	...	...	41'887	-20'006	-4	...	...	*	...	34'118	-59'266	1'30	52.II233
...	49'343	+47'099	-4	...	...	*	41'70I	+29'102	1'50	50.I0813	9'2	...	...	34'08I	-0'764	-5	...
*	49'325	+2'180	1'50	50.I0808	9'2	...	41'698	-22'156	0'70	...	...	...	...	33'923	-18'183	-4	...
...	-49'206	+3'465	-2	...	...	...	-41'632	-7'086	-5	p	...	...	...	-33'879	-35'885	0'70	...
...	49'102	-48'60I	-5	...	...	...	41'476	+19'317	-3	...	...	...	...	33'762	+23'296	0'75	...
...	49'03I	+11'049	-5	...	...	*	41'16I	+29'892	1'00	50.I0814	10'0	...	...	33'644	-57'183	-I	...
...	49'014	-28'71I	-5	...	...	*	41'005	-1'725	1'20	5I.I0998	9'6	...	...	33'609	+46'890	1'00	...
...	48'254	+38'096	-4	...	...	...	40'977	+41'430	0'85	...	...	...	...	33'308	+24'165	-3	...
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
...	-47'809	-24'779	-3	...	...	...	-40'948	+40'285	0'75	...	...	...	...	-33'190	-43'525	-3	...
...	47'77I	+2'812	0'70	...	...	...	40'842	+6'296	-3	...	...	*	...	33'127	+17'400	1'00	50.I0817
...	47'396	-35'522	-4	...	...	...	40'757	-42'858	0'70	...	...	...	...	33'098	-28'446	-5	...
*	47'387	-34'872	1'50	5I.I0989	8'8	...	40'742	+49'814	-5	...	...	...	...	33'083	-4'909	-5	...
...	47'366	-36'482	-3	...	...	...	40'735	+24'653	-5	...	...	...	...	32'940	-2'23I	-5	...
†	-47'298	+35'439	-3	...	...	...	-40'644	-7'135	-5	p	...	...	...	-32'71I	+36'439	0'80	...
...	47'187	+2'79I	-2	...	...	...	40'577	+35'102	-3	...	...	...	...	32'407	+32'776	0'80	...
...	47'07I	-31'293	-5	...	...	†	40'407	-58'410	1'00	5I.I0997	8'4	...	...	32'188	19'368	1'10	5I.II005
S *	46'993	+24'253	2'10	50.I0809	8'4	...	40'262	+17'029	0'70	...	...	...	...	31'996	-43'985	0'90	...
*	46'930	-46'670	1'80	5I.I0990	8'6	†	40'177	-20'873	1'00	5I.I0999	9'8	...	...	31'79I	-42'87I	-5	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
211-270						271-330						331-390					
211	-31'779	+28'861	-2	...	...	271	-25'466	+14'244	0.90	50.10824	10.4	331	-18'720	+29'675	-5	...	...
...	31'515	+49'744	-5	...	...	...	25'367	+25'350	-3	...	...	...	18'529	+2'034	-2	...	...
...	31'221	+11'597	-4	...	...	†	25'322	-55'797	0.75	...	...	...	18'510	+57'943	-3	...	...
...	31'168	-12'703	-5	...	...	...	25'250	+50'681	-5	...	...	...	18'365	+26'319	-5	...	...
...	31'156	-11'784	-4	...	...	...	25'061	-16'504	-3	...	...	...	18'280	+2'847	-5	...	...
...	-30'981	-25'757	0.80	...	...	...	-25'049	-9'295	-4	...	...	...	-18'262	-54'652	-5	...	...
...	30'903	+47'811	-2	...	...	...	25'042	+36'678	-5	...	...	...	18'256	-35'216	-5	...	...
...	30'786	-41'399	-5	...	...	*	24'845	-9'821	1.80	51.11010	8.6	...	18'251	+17'511	0.70	...	...
...	30'700	-17'066	1.00	51.11006	10.0	...	24'810	+52'715	-2	...	...	...	18'055	+4'944	-5	...	...
...	30'533	+54'248	-2	...	...	*	24'805	+59'380	1.60	50.10826	9.6	...	18'007	+49'632	0.95	...	...
221	-30'483	+47'008	-3	...	...	281	-24'725	-48'015	-5	p	...	341	-17'871	+27'346	0.75	...	...
...	30'439	+8'606	-5	...	...	...	24'616	+23'578	0.95	...	...	...	17'860	+38'726	-5	...	...
...	30'434	-18'511	-5	p	...	*	24'614	-55'303	1.10	51.11009	10.0	...	17'847	-45'388	0.85	...	...
...	30'065	-51'918	-3	...	...	†	24'604	+0'417	-3	...	...	...	17'739	-21'733	-5	...	...
...	29'995	+33'670	-4	...	...	*	24'529	-14'633	1.10	51.11012	9.6	...	17'294	+34'853	0.90	...	...
...	-29'968	-44'006	-5	p	...	...	-24'349	-46'810	1.00	51.11011	10.0	...	-17'114	+47'598	-2	...	...
...	29'750	+50'451	0.70	...	...	...	24'225	+49'051	-5	...	...	...	16'955	+16'745	-5	...	...
...	29'733	+38'446	-2	...	...	...	23'722	-22'022	0.70	...	...	...	16'836	-51'015	-2	...	...
*	29'601	-26'083	1.00	51.11007	9.8	...	23'699	+31'454	-2	...	...	...	16'542	-37'462	-4	...	...
*	29'462	+39'700	1.00	50.10819	10.4	...	23'613	+53'033	1.05	...	...	...	16'456	-13'539	0.70	...	...
231	-29'344	+13'156	-4	...	...	291	-23'404	-2'081	0.95	51.11013	9.8	351	-16'388	+48'418	-4	...	...
...	29'254	+44'128	-3	...	...	[	23'346	-2'090	0.85	...	...	...	16'051	+34'334	-2	...	...
†	29'019	+5'506	-2	...	...	...	23'352	-55'252	0.85	...	...	...	16'016	-13'259	0.80	...	...
...	28'832	+23'979	-2	...	...	...	23'310	-34'702	-5	p	...	...	15'837	+5'625	-3	...	...
...	28'745	+38'369	-4	...	...	...	23'264	+3'452	-5	...	...	...	15'729	+2'656	-2	...	...
...	-28'705	+33'731	-5	...	...	...	-23'218	-15'110	-2	...	...	...	-15'665	+30'507	-2	...	...
...	28'504	-34'196	0.70	...	...	...	23'203	+22'840	-3	...	...	...	15'658	+59'749	1.05	50.10832	10.2
...	28'388	+35'641	0.75	...	...	...	23'170	+22'968	-4	...	...	*	15'615	+16'456	1.00	50.10831	10.1
...	28'289	-32'366	-3	...	...	...	23'115	+14'458	-5	...	...	...	15'506	+14'001	-5	...	...
...	28'282	-9'117	-4	...	...	*	23'099	+3'302	1.80	50.10827	8.8	...	15'405	+29'497	0.75	...	...
241	-28'187	-48'734	-4	...	...	301	-22'973	-40'487	-5	p	...	361	-15'373	-18'939	-5	...	...
...	28'176	+39'302	-3	...	...	...	22'512	+41'875	-3	...	...	†	15'349	+15'359	0.80	...	...
...	28'007	+25'290	-3	...	...	...	22'481	+30'865	-2	...	...	...	15'319	+36'348	-2	...	...
*	27'933	-0'097	1.20	51.11008	9.4	...	22'385	-22'672	-4	...	...	...	15'047	+45'842	-4	...	...
...	27'834	+5'592	-5	...	...	...	22'184	+1'273	-3	...	...	*	14'724	-43'351	0.95	...	...
...	-27'775	+28'467	0.90	...	...	...	-22'135	-25'603	0.70	...	...	...	-14'722	+44'831	-2	...	...
*	27'630	+23'980	1.00	50.10820	10.4	...	22'020	+12'676	-5	A	...	...	14'601	-54'067	-5	...	...
...	27'424	-53'093	-4	...	...	...	21'883	-38'017	0.70	...	...	...	14'549	+9'644	0.95	50.10833	10.4
...	27'377	+24'539	-5	...	...	...	21'693	+6'047	-3	...	...	...	14'520	-16'523	0.65	...	...
...	27'276	+22'283	-3	...	...	*	21'555	+21'803	1.30	50.10828	9.4	...	14'410	-1'875	0.65	...	...
251	-27'241	-18'885	-4	...	...	311	-21'459	+27'241	-4	...	...	371	-14'355	-23'410	0.90	...	...
...	27'146	-21'130	-5	...	...	...	21'426	-5'643	-4	...	...	...	14'332	-57'082	-5	...	...
...	27'010	-45'424	-3	...	...	...	21'412	-16'313	-5	...	...	...	14'281	-9'114	-5	...	...
...	26'771	+10'867	-3	...	...	...	21'211	-47'907	-5	...	...	...	14'071	-48'072	1.00	51.11015	10.2
...	26'676	-10'285	0.75	...	...	...	21'151	+43'636	0.70	...	...	...	14'068	-47'263	0.90	...	...
...	-26'642	+52'021	0.95	50.10823	10.4	...	-20'977	+46'554	-4	...	...	*	-13'915	-9'461	1.00	51.11016	10.0
*	26'611	+4'306	3.10	50.10821	8.0	†	20'928	+10'430	-3	...	...	...	13'873	-37'980	-5	...	...
...	26'523	-6'573	-4	...	...	...	20'799	+22'552	-3	...	...	...	13'713	+11'332	-2	...	...
S *	26'507	+48'017	4.00	50.10822	7.4	...	20'587	-26'492	-3	...	...	*	13'671	+37'557	1.00	...	...
...	26'487	+43'039	0.75	...	...	...	20'302	+26'557	0.70	...	...	...	13'522	-45'341	-4	...	...
261	-26'480	-13'596	-4	...	...	321	-20'053	+3'449	1.05	50.10829	9.8	381	-13'448	+41'320	-5	...	...
...	26'424	+43'278	0.90	...	...	...	19'941	+3'310	-4	...	...	...	13'374	-43'099	-2	...	...
...	26'340	-40'725	-4	...	...	...	19'928	+2'951	-3	...	...	*	12'968	+46'572	1.10	50.10834	10.0
...	26'308	+15'832	-5	...	...	...	19'917	-47'323	1.00	51.11014	10.4	...	12'835	-8'493	0.75	...	...
...	26'171	-35'567	-4	...	...	*	19'526	+39'664	1.00	50.10830	9.7	...	12'539	-9'421	-5	...	...
...	-26'091	+23'395	-4	...	...	...	-19'467	-13'930	-4	...	...	S *	-12'534	-55'404	1.20	51.11017	9.4
...	26'057	-16'083	0.75	...	...	...	19'363	+48'068	0.95	...	...	...	12'519	+18'728	0.70	...	...
...	25'970	+37'054	-3	...	...	...	19'331	+35'710	-5	...	...	...	12'497	-1'824	0.80	...	...
...	25'947	-33'672	-5	...	...	...	19'291	+36'530	-5	...	...	...	12'307	+39'957	-5	...	...
...	25'675	-44'988	-4	...	...	...	18'812	-38'966	0.80	...	...	...	12'268	+22'830	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
391-450						451-510						511-570					
391	II 953	- 8.101	0.90	...	...	451	- 4.209	-43.281	- 2	...	...	511	+ 2.457	-44.190	0.80	...	...
*	II 793	+11.640	3.20	50.10835	8.6	...	4.194	-43.544	0.70	...	...	...	2.531	+34.989	0.75	...	...
...	II 655	-48.199	- 4	...	...	*	4.129	-37.195	1.00	51.11023	10.0	...	2.633	+ 4.755	- 5	...	...
...	II 501	-30.565	- 5	...	...	...	3.922	-41.839	1.15	51.11024	9.2	...	2.736	+39.024	- 4	...	...
...	II 478	-16.848	0.65	...	...	...	3.859	-35.475	- 5	...	...	*	2.842	-22.702	1.25	51.11029	9.6
...	II 428	+ 3.289	0.70	...	...	...	- 3.568	-17.779	0.70	...	...	...	+ 3.030	+58.110	- 2	...	...
...	II 394	+48.048	1.00	...	...	...	3.526	+34.931	- 4	...	...	*	3.079	+53.163	2.30	50.10846	8.4
...	II 257	-22.168	0.75	...	...	...	3.449	+39.982	- 5	...	...	...	3.513	-18.534	0.85	...	...
...	II 227	-51.305	0.90	...	...	...	3.199	-29.973	- 5	...	...	...	3.740	- 2.996	- 3	...	...
†	II 173	-24.438	1.00	51.11018	10.0	...	3.102	+15.724	- 3	...	...	...	3.964	-48.988	0.80	...	...
401	-II 013	- 8.698	- 4	...	...	461	- 3.055	-32.765	- 4	...	...	521	+ 3.996	+34.235	- 5	...	...
...	IO 634	+41.128	- 5	...	...	...	2.984	+43.429	- 2	...	...	...	4.050	-51.564	- 3	...	...
...	IO 568	- 3.074	- 4	...	...	...	2.920	+ 9.946	- 4	...	...	...	4.295	-40.193	0.65	...	...
...	IO 447	+40.891	- 5	...	...	...	2.860	+37.200	- 2	...	...	...	4.328	+34.131	- 3	...	...
...	IO 394	- 8.549	- 4	...	...	N *	2.801	+10.792	1.30	50.10840	9.0	...	4.468	+42.411	0.70	...	...
...	-IO 246	-58.444	0.90	...	...	N *	- 2.791	+10.879	1.05	...	...	...	+ 4.511	+32.642	- 3	...	...
†	IO 145	+31.331	- 4	...	...	...	2.785	+60.171	0.80	...	...	...	4.557	- 2.823	- 2	...	...
S *	IO 140	-14.020	2.85	51.11019	8.0	...	2.764	+ 0.891	- 4	...	...	...	4.571	+19.459	- 2	...	...
...	9.963	+20.940	- 3	...	...	...	2.740	+44.036	- 2	...	...	*	4.813	-20.713	1.25	51.11030	9.2
...	9.954	-19.857	- 3	...	...	...	2.640	-13.966	- 5	p	...	...	4.984	+46.742	- 3	...	...
411	- 9.908	-56.780	- 5	...	...	471	- 2.383	+40.414	- 3	...	...	531	+ 5.122	+43.059	1.00	50.10847	10.2
*	9.900	-26.164	1.10	51.11020	9.8	...	2.381	-41.900	- 4	...	...	...	5.604	- 5.959	- 3	...	...
...	9.896	-23.872	0.70	...	...	...	2.260	-16.926	- 4	...	...	...	5.925	-47.141	0.75	...	...
...	9.843	-13.181	- 5	...	...	†	2.249	+25.318	- 4	M	...	...	6.031	+59.522	0.95	...	...
...	9.731	-32.916	- 4	...	...	...	2.229	-47.957	- 2	...	...	...	6.163	- 6.972	0.90	...	...
*	- 9.646	+16.566	1.05	50.10836	9.8	...	- 2.223	-51.009	0.90	...	...	...	+ 6.306	+32.902	- 5	...	...
...	9.580	+ 6.837	- 3	...	...	...	2.130	-38.516	0.85	...	...	...	6.312	-33.840	- 5	...	...
...	9.504	+43.510	- 5	...	...	...	2.004	+14.813	- 4	...	...	...	6.320	-35.113	0.95	51.11031	10.4
...	9.315	-38.358	- 3	...	...	*	1.889	+ 7.446	1.00	50.10841	9.8	...	6.554	+43.332	0.85	...	...
*	9.272	-35.287	1.30	51.11021	9.2	...	1.884	-26.736	- 3	...	...	...	6.602	+25.555	- 2	...	...
421	- 9.209	- 3.391	- 4	...	...	481	- 1.864	+53.745	- 5	...	...	541	+ 6.684	+51.789	1.10	50.10848	10.2
...	9.122	+38.929	- 5	...	...	...	1.858	+52.511	- 4	...	...	...	6.747	-53.669	0.75	...	...
...	8.916	-36.721	- 3	...	...	*	1.765	+36.622	1.10	50.10842	9.7	...	6.819	+37.729	- 3	...	...
...	8.875	+ 9.360	- 3	...	...	...	1.665	- 2.474	- 3	...	...	...	7.203	+34.231	- 5	...	...
...	8.703	-56.709	- 4	...	...	...	1.663	+56.706	- 5	...	...	*	7.656	-53.831	1.15	51.11032	9.8
...	- 8.658	+19.224	- 4	...	...	...	- 1.583	-54.988	- 1	...	...	*	+ 7.706	+13.911	1.00	50.10849	9.8
*	8.604	+ 9.813	1.20	50.10837	9.7	...	1.403	-48.406	- 4	...	...	...	7.973	+38.414	- 3	...	...
...	8.598	+ 6.394	- 3	...	...	...	1.313	-31.649	- 2	...	...	...	8.035	-15.248	0.80	...	...
...	8.358	-26.029	- 5	p	...	...	1.169	+46.302	- 5	...	...	...	8.101	- 5.784	- 5	...	...
...	7.713	-24.324	- 5	...	...	...	1.153	+ 3.603	1.00	...	...	...	8.109	-26.332	0.80	...	...
431	- 7.679	+51.328	- 3	...	...	491	- 1.018	-53.189	- 5	...	...	551	+ 8.231	+33.747	0.90	...	...
...	7.336	- 4.983	- 5	...	...	...	0.930	-19.814	0.70	51.11025	10.4	†	8.281	+20.407	- 3	...	...
...	7.116	+22.837	- 3	...	...	...	0.684	+22.552	0.70	...	...	...	8.346	+51.120	- 3	...	...
...	7.021	+26.037	- 5	...	...	...	0.475	-14.246	- 3	...	...	...	8.647	+ 4.017	- 2	...	...
...	6.752	+49.270	- 3	...	...	...	0.471	-13.412	0.70	...	...	...	8.770	+41.342	- 3	...	...
*	- 6.567	-41.231	1.00	51.11022	10.0	...	- 0.402	+29.252	0.90	...	...	...	+ 8.792	+23.554	- 3	...	...
†	6.281	+25.315	- 3	...	...	†	- 0.309	-26.635	1.30	51.11026	9.2	...	8.947	-46.178	- 5	...	...
*	6.077	-58.396	1.00	52.11249	10.4	...	+ 0.046	+25.565	- 5	...	...	...	9.047	+ 0.068	- 2	a	...
*	5.948	+24.298	1.00	50.10838	10.4	...	0.159	+39.268	- 2	...	...	...	9.185	+ 1.709	0.70	...	...
...	5.830	- 6.930	- 5	...	...	...	0.532	-28.477	1.00	51.11027	9.8	...	9.238	+52.409	- 4	...	...
441	- 5.791	+35.307	- 5	...	...	501	+ 0.769	+21.103	- 2	...	...	561	+ 9.298	+59.709	- 5	...	...
†	5.661	+41.821	- 2	...	...	*	0.803	+12.477	1.30	50.10843	9.2	...	9.429	+36.538	- 5	...	...
...	5.558	-42.638	- 4	...	...	...	1.122	+38.955	- 5	...	...	...	9.509	- 9.948	- 5	...	...
*	5.417	+60.098	1.30	50.10839	9.8	...	1.507	+28.429	0.85	...	...	...	9.584	+30.825	0.80	...	...
†	5.267	-23.021	0.70	...	...	...	1.703	+15.736	0.70	...	...	†	9.734	+24.301	- 3	...	...
...	- 5.117	+11.515	- 4	...	...	...	+ 1.930	+ 6.834	- 2	...	...	...	+ 9.845	+46.155	- 5	...	...
...	4.852	+10.318	- 3	...	...	...	1.968	+28.187	0.95	50.10844	10.4	...	9.867	+18.113	- 1	...	...
...	4.773	+51.022	- 5	...	...	S *	2.177	+53.474	2.35	50.10845	8.1	...	9.919	-51.952	0.85	...	...
...	4.316	+41.327	- 2	...	...	...	2.287	+ 8.638	- 5	...	...	...	10.289	-27.268	0.70	...	...
...	4.289	+29.121	- 3	...	...	...	2.353	-28.678	0.90	51.11028	10.4	...	10.326	-59.187	- 4	...	...

465, 466. 50° 94, two stars ; 50° 95, mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	γ.		No.	Mag.		α.	γ.		No.	Mag.		α.	γ.		No.	Mag.
571-630						631-690						691-750					
57I	+10°445	+8°685	0.70	...	...	63I	+17°768	+9°498	-4	...	...	69I	+26°267	+36°217	-2	...	...
...	10°556	+8°640	-3	...	...	...	18°090	+57°666	-4	...	...	...	26°316	-42°075	-3	...	...
...	10°629	-41°891	-5	p	...	...	18°157	+54°287	-3	...	...	*	26°624	+12°037	1.40	50.10857	9.4
...	10°652	+24°766	-5	...	...	...	18°253	-25°688	0.90	...	...	...	26°972	-49°861	-2	...	...
...	10°718	+38°848	-3	...	...	...	18°356	+36°748	0.70	...	...	...	27°005	-27°427	0.75	...	...
...	+10°728	-46°036	-3	...	...	...	+18°449	-28°662	-3	...	...	...	+27°144	+49°950	-2	...	...
...	10°730	+47°013	1.00	50.10850	10.4	...	18°690	-0°681	-3	...	...	...	27°153	+35°485	0.85	...	...
...	10°778	-25°839	-3	...	...	...	18°817	+21°481	0.70	...	...	...	27°159	-25°962	-5	...	...
...	10°784	+16°599	-2	...	...	*	18°860	+5°175	1.05	50.10855	10.0	*	27°434	-30°951	1.00	51.11041	9.6
...	10°939	-49°265	0.75	...	...	*	18°895	+2°073	1.05	50.10854	9.8	...	27°526	+28°297	-3	...	...
58I	+11°064	+54°812	1.00	...	...	64I	+18°968	+45°823	-4	...	...	70I	+27°750	-16°210	1.00	51.11042	10.0
*	11°577	-26°879	1.40	51.11033	9.2	...	19°063	+2°035	-3	...	...	...	27°814	-20°952	-2	...	...
...	11°736	+8°365	-3	...	...	...	19°070	-29°287	-2	...	...	...	28°158	+30°636	-4	...	...
...	11°750	+58°782	-5	...	...	...	19°269	+17°047	0.75	...	...	N *	28°480	-3°870	1.30	51.11043	8.8
...	12°043	+40°161	-2	...	...	†	19°510	-56°401	0.80	...	...	...	28°809	+11°298	0.90	...	...
...	+12°274	+21°973	0.95	50.10851	10.1	...	+19°581	+13°530	-4	...	...	...	+29°118	+49°927	-3	...	...
*	12°496	+43°308	1.40	50.10852	9.2	...	19°698	+57°704	-4	...	...	...	29°216	-17°056	-4	...	...
...	12°670	+18°540	-3	...	...	†	19°711	+12°625	-2	...	...	*	29°492	+38°304	1.10	50.10858	9.8
...	12°786	+9°376	-5	...	...	†	19°729	+45°523	1.15	50.10856	10.0	†	29°581	-3°776	-2	...	...
...	12°850	-47°482	-2	...	...	...	19°738	-24°318	0.75	...	...	†	29°645	-23°226	0.95	...	...
59I	+12°889	-27°883	-5	...	...	65I	+19°817	-51°684	0.85	...	...	71I	+29°647	-34°606	-4	...	...
...	13°004	-28°752	-4	...	...	...	20°198	-24°966	-5	...	...	*	29°934	+26°481	1.05	50.10859	9.8
...	13°035	-35°329	-5	...	...	*	20°240	-29°310	1.35	51.11038	9.0	...	30°078	-41°983	-4	...	...
...	13°083	+18°682	-2	...	...	...	20°337	+20°722	-2	...	...	...	30°232	-31°373	-3	...	...
...	13°113	+14°093	-4	...	...	...	20°689	-16°065	0.90	...	...	S *	30°437	+21°358	1.45	50.10860	9.2
...	+13°121	-2°051	-5	p	...	...	+20°694	-58°099	-2	...	...	*	+30°544	+43°537	1.05	50.10861	10.2
...	13°302	+20°821	0.65	...	...	...	20°912	+6°402	0.75	...	...	...	30°703	+39°055	-3	...	...
...	13°391	-20°600	-2	...	...	...	21°142	-1°167	-3	...	...	...	30°809	+42°020	-4	...	...
*	13°527	-19°019	0.90	...	...	...	21°296	+13°512	0.65	...	...	...	30°869	+26°354	-5	...	...
...	13°581	+1°603	-5	...	...	...	21°421	+8°172	-3	...	...	...	30°928	+25°023	-4	...	...
60I	+13°642	-10°871	-4	...	...	66I	+21°490	-43°639	0.75	...	...	72I	+31°030	-44°905	-3	...	...
...	13°952	-46°492	0.70	...	...	...	21°922	-29°351	-5	...	...	...	31°168	+2°701	-5	...	...
...	14°094	+2°878	0.70	...	...	...	22°407	+15°787	-5	...	...	...	31°243	+28°028	-3	...	...
...	14°124	-52°609	0.65	...	...	...	22°509	-51°056	-3	...	...	†	31°312	+50°156	1.00	...	...
*	14°164	-56°750	-4	...	...	...	22°562	+0°457	-5	...	...	...	31°416	-20°298	-2	...	...
...	+14°208	-38°059	3.00	51.11034	7.6	...	+22°696	-46°735	0.65	...	...	...	+31°533	-23°757	-5	...	...
...	14°318	-31°558	-4	...	...	...	22°701	-41°908	0.75	...	...	...	31°602	-7°405	-5	...	...
†	14°634	+1°328	-3	...	...	...	22°768	-50°221	-3	...	...	*	31°635	-15°929	1.00	51.11044	10.2
*	14°724	-18°833	1.00	51.11035	10.4	...	22°988	-22°853	-5	...	...	...	31°845	+9°458	-5	...	...
...	14°922	+19°751	-4	...	...	...	23°081	-4°804	-5	...	...	*	32°159	+42°016	2.80	50.10862	8.0
61I	+14°968	-55°007	0.95	...	...	67I	+23°324	-47°195	1.00	...	...	73I	+32°343	+35°640	-5	...	...
...	15°216	-35°392	-4	...	...	...	23°536	-10°632	0.80	...	...	...	32°641	-6°795	-4	...	...
...	15°408	+11°991	-4	...	...	...	23°683	-50°660	-5	...	...	...	32°659	+20°143	-2	...	...
*	15°502	+6°233	0.90	...	...	...	23°815	-3°628	-5	...	...	...	32°724	+49°302	-5	...	...
*	15°610	+27°873	1.20	50.10853	9.6	...	24°036	+0°170	0.80	a	...	...	32°745	-40°607	-5	...	...
...	+15°897	-17°322	0.90	...	...	†	+24°126	-39°449	0.70	...	...	...	+32°975	-2°428	-3	...	...
...	16°126	-0°135	-4	...	...	...	24°892	+28°634	-2	...	...	...	33°011	+32°153	-4	...	...
...	16°518	+40°739	-4	...	...	...	24°911	+14°102	-4	...	...	...	33°024	+26°281	0.85	...	...
...	16°660	+1°302	-4	...	...	...	24°985	-47°180	-2	...	...	...	33°043	+59°648	1.00	50.10863	10.4
...	16°677	+47°282	-4	...	...	*	25°099	-58°488	1.15	52.11269	10.1	*	33°120	-59°314	1.40	52.11275	9.4
62I	+16°799	+0°667	-3	...	...	68I	+25°189	+12°686	0.70	...	...	74I	+33°313	-5°243	-5	...	...
...	16°838	+30°746	-5	...	...	*	25°246	-14°634	1.00	51.11039	10.0	...	33°464	-13°333	0.75	...	...
...	17°018	-3°538	-3	...	...	...	25°305	+11°397	-5	a	...	...	33°531	+50°032	-2	...	...
...	17°167	+8°107	0.90	...	...	...	25°367	-18°099	-5	...	...	...	33°607	+23°796	-5	...	...
...	17°175	+30°619	-5	...	...	...	25°412	-33°770	-5	...	...	...	33°656	-16°441	-5	...	...
*	+17°532	-6°179	1.00	51.11036	10.0	S *	+25°477	-46°008	1.40	51.11040	8.6	...	+33°732	+50°450	-5	...	...
*	17°672	-36°812	1.80	51.11037	8.4	...	25°976	+20°903	0.70	...	...	*	33°762	+13°140	1.00	50.10864	10.2
...	17°705	+22°799	-4	...	...	...	26°074	+52°467	-5	...	...	...	33°999	+54°137	-1	...	...
...	17°715	+21°951	-2	...	...	...	26°106	+44°931	-4	...	...	...	34°072	-23°219	-3	...	...
...	17°740	+43°098	1.00	...	...	...	26°217	-23°437	-5	...	...	...	34°189	-36°217	0.70	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
751-810						811-870						871-917					
75I	+34'304	-4'630	-5	...	...	81I	+41'802	+52'703	1'00	...	...	87I	+51'252	-43'164	-4	...	...
†	34'350	+5'362	-4	...	...	...	42'028	-28'013	-2	...	...	...	51'355	+5'831	-3	...	...
...	34'378	-1'363	-5	...	...	...	42'265	-7'874	-5	...	...	...	51'415	+59'910	-5	...	...
...	34'448	+51'706	0'85	...	...	...	42'311	+0'750	-5	...	...	...	51'438	+49'464	-4	...	...
...	34'609	-46'010	0'75	...	...	...	42'465	-56'379	-1	...	...	...	51'624	+4'801	-5	...	...
...	+34'788	+11'033	-5	...	...	...	+42'478	+34'065	-5	...	...	...	+51'760	+15'106	-5	...	...
...	34'790	+36'869	0'65	...	...	...	42'635	-11'634	-4	...	...	...	51'777	-44'911	0'85	e	...
...	34'895	+37'688	0'80	...	...	...	42'661	+35'471	-5	...	...	*	51'830	-1'615	1'00	...	...
†	35'001	-34'574	-5	...	...	...	42'684	-56'513	-5	...	...	*	52'423	+28'785	1'40	50.10880	9'6
...	35'442	-33'144	-4	...	...	*	42'709	+54'100	1'40	50.10868	9'4	...	52'453	-18'748	-5	e	...
76I	...	...	...	...	...	82I	...	...	...	...	...	88I	...	...	...	...	...
...	+35'456	+17'692	-2	...	...	*	+42'762	+29'777	1'05	50.10869	10'0	...	+52'537	-1'772	0'90	...	...
*	35'672	+39'492	1'00	50.10865	10'4	...	43'054	-18'176	-5	...	...	...	52'563	+6'729	0'75	...	...
*	35'904	+28'487	1'00	...	...	...	43'082	+35'877	1'00	50.10870	10'4	...	52'849	-25'020	-4	e	...
...	36'174	+15'454	-3	...	...	...	43'530	-0'388	-4	...	...	e *	52'901	-50'129	2'00	51.11058	9'0
...	36'323	-27'032	-3	...	...	...	43'915	-20'278	-3	...	...	...	52'959	-6'981	-2	e	...
*	+36'382	+54'086	1'05	...	...	...	+44'030	-45'086	-5	...	...	...	+52'977	+1'555	-3	...	...
...	36'783	-15'899	-5	...	...	...	44'163	+23'218	-5	...	...	e *	53'339	-18'364	1'25	51.11057	9'8
*	36'799	-18'272	1'50	51.11045	8'8	...	44'302	+42'923	-1	...	...	...	53'566	+11'949	-4	...	...
*	36'814	+42'316	1'15	50.10866	9'6	...	44'667	-32'422	-5	...	...	...	53'591	-19'235	-5	e	...
...	36'860	-24'400	-3	...	...	...	44'905	+26'768	1'00	50.10871	10'3	...	53'713	-42'623	0'90	e	...
77I	...	...	...	...	...	83I	...	...	...	...	...	89I	...	...	...	...	...
...	+36'862	+34'021	0'70	...	...	...	+45'105	-9'922	-4	...	...	S *	+53'869	+48'388	3'10	50.10881	8'0
...	36'973	+9'659	0'80	...	...	...	45'823	-56'105	0'95	...	...	...	53'926	+36'030	-5	...	...
...	37'308	+23'024	0'75	...	...	...	45'835	+7'498	0'70	...	...	†	54'157	+40'249	-5	...	...
...	37'337	-14'003	0'70	...	...	...	46'058	+30'038	-5	...	...	†	54'157	-24'574	-3	e	...
...	37'546	+50'413	-4	...	...	...	46'076	-2'221	-3	...	...	†	54'595	+41'394	-4	...	...
...	+37'571	-32'240	-4	...	...	...	+46'124	+45'906	-5	...	...	...	+54'960	+10'141	-5	...	...
...	37'805	+43'007	-5	...	...	*	46'134	-25'406	1'25	51.11051	9'2	...	55'031	-29'730	0'70	e	...
...	37'930	-35'245	0'85	...	...	...	46'147	-37'945	1'00	51.11052	10'0	...	55'132	+43'941	-3	...	...
...	38'088	-5'799	0'85	...	...	...	46'225	-28'919	-2	...	...	*	55'324	+38'501	1'00	...	...
...	38'093	-44'948	-3	...	...	*	46'526	+11'497	1'00	50.10874	10'0	...	55'523	+31'605	-3	...	...
78I	...	...	...	...	...	84I	...	...	...	...	...	90I	...	...	...	...	...
...	+38'357	+20'793	-3	...	...	*	+46'608	+59'608	5'00	50.10872	7'4	...	+55'556	+22'835	0'80	...	...
...	38'382	-47'082	-4	...	...	...	46'700	+56'005	0'90	50.10873	10'4	...	55'661	+28'547	0'80	...	...
...	38'472	+21'817	-5	...	...	...	46'866	+20'056	1'00	50.10875	10'4	...	55'966	-20'679	1'00	e	...
...	38'635	-25'324	-3	...	...	...	47'136	+3'889	-3	...	...	...	56'001	+10'875	1'00	...	...
...	38'694	+26'488	-5	...	...	...	47'294	+41'723	1'00	...	...	...	56'090	+44'944	-1	...	...
...	+38'724	+10'084	-5	...	...	...	+47'408	+44'705	-1	...	...	...	+56'312	-21'523	-3	e	...
...	38'733	-8'092	0'90	...	...	...	47'434	+16'615	0'75	...	...	...	57'031	-9'845	-4	e	...
...	39'185	+11'704	-4	...	...	...	47'494	+16'724	-2	...	...	...	57'085	-14'183	0'85	e	...
...	39'202	+6'748	0'70	...	...	*	47'861	+44'610	2'00	50.10876	8'8	...	57'336	+34'245	-3	...	...
*	39'242	-38'496	1'50	51.11046	9'2	*	47'870	+42'173	2'00	50.10877	8'8	...	58'068	-37'360	-5	e	...
79I	...	...	...	...	...	85I	...	...	...	...	...	91I	...	...	...	...	...
...	+39'394	-4'502	-5	p	...	*	+47'959	-52'455	1'35	51.11053	9'6	...	+58'222	+48'007	-5	...	...
...	39'924	+19'838	-5	...	...	...	48'029	+16'569	-5	...	...	...	58'399	+26'672	-5	...	...
*	40'378	+0'079	1'00	51.11047	10'2	...	48'094	-21'977	1'00	...	...	...	58'403	+35'916	0'90	...	...
*	40'665	-45'505	1'45	51.11049	9'2	*	48'325	-54'108	1'50	51.11055	9'4	...	58'635	-20'790	-3	e	...
...	40'668	+54'363	-5	...	...	...	48'551	-31'581	-5	...	...	...	58'692	+25'897	-4	...	...
...	+40'696	-41'982	0'95	...	...	...	+48'624	+31'302	1'05	50.10878	10'6	...	+59'225	-24'448	-5	e	...
*	40'926	-18'508	1'00	51.11048	9'8	S *	48'657	-19'012	1'15	51.11054	9'4	...	59'426	+50'304	-4	...	...
...	40'990	-14'340	0'70	...	...	...	49'274	-53'444	-4	...	...	...	...	...	...	...	...
*	41'133	+16'556	1'00	50.10867	9'7	...	49'286	-14'481	0'80	...	...	...	...	...	...	...	...
...	41'146	-37'187	0'80	...	...	...	49'303	-25'321	-3	...	...	...	...	...	...	...	...
80I	...	...	...	...	...	86I	...	...	...	...	...	...	...	...	...	...	...
...	+41'178	-5'311	0'90	...	...	†	+49'447	-28'726	-3	...	...	...	...	...	...	...	...
...	41'227	+10'708	-4	...	...	...	49'848	+36'016	1'00	50.10879	10'6	...	...	...	...	...	...
...	41'405	-6'016	0'70	...	...	...	49'899	-11'328	-4	...	...	...	...	...	...	...	...
...	41'412	-6'128	1'00	51.11050	10'4	...	49'943	-15'776	-4	...	...	...	...	...	...	...	...
...	41'421	-14'739	-5	...	...	*	50'070	-31'920	1'30	51.11056	9'8	...	...	...	...	...	...
...	+41'433	+22'753	-5	...	...	...	+50'483	+14'723	-4	...	...	...	...	...	...	...	...
...	41'602	+18'048	0'95	...	...	...	50'513	-29'070	0'75	...	...	...	...	...	...	...	...
...	41'617	-13'675	-3	...	...	...	50'875	+18'064	-5	...	...	...	...	...	...	...	...
...	41'626	+29'559	-5	...	...	...	50'904	-21'298	-2	...	...	...	...	...	...	...	...
†	41'726	-29'524	-2	...	...	...	51'065	-28'443	-5	p	...	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1-60						61-120						121-180					
I	-60.111	-18.903	-4	E	...	61	-55.209	-18.793	-4	...	...	121	-50.162	+33.692	0.75	...	...
...	60.081	-7.114	0.75	E	...	...	55.157	+38.709	-3	...	...	...	50.127	+8.948	-3	...	...
...	59.976	+43.843	-2	...	...	...	55.002	+26.140	-5	...	...	...	50.041	+17.355	-5	...	...
...	59.859	+56.844	-5	...	...	...	54.947	+59.563	-5	...	...	...	50.000	+12.099	0.70	...	...
...	59.725	-45.069	0.95	E	...	...	54.633	-10.462	-5	p	...	...	49.888	+33.522	-3	...	...
...	-59.624	-14.182	-2	...	...	...	-54.473	+13.472	-5	...	...	...	-49.869	+31.722	-5	M	...
...	59.621	-28.241	-5	...	...	...	54.098	-41.457	-5	...	...	...	49.828	-10.222	-5	...	...
...	59.572	+38.411	1.00	...	...	...	54.079	-36.274	-5	...	...	...	49.771	+30.836	0.95	...	...
...	59.508	+15.807	-5	...	...	...	53.896	-13.015	-4	...	...	...	49.754	-9.307	-3	...	...
...	59.457	-25.140	-3	E	...	...	53.860	-20.693	0.70	E	...	...	49.747	+1.748	0.80	...	...
II	...	...	...	...	...	71	...	...	...	...	...	131	...	...	...	...	...
...	-59.394	+15.815	-5	...	...	...	-53.782	+32.669	-1	...	...	...	49.732	+59.764	1.00	50.10884	10.6
E *	59.245	-18.480	1.15	51.11057	9.8	...	53.745	-37.266	0.65	E	...	...	49.677	-4.930	-5	...	...
...	59.088	+31.531	-2	...	...	...	53.743	-55.238	-5	...	...	...	49.676	+16.051	-5	M	...
...	59.062	+10.719	-5	...	...	...	53.635	-11.188	-5	...	...	...	49.642	+29.818	0.80	...	...
†	59.060	+44.873	-1	...	...	...	53.579	+40.072	-5	...	...	...	49.626	-39.082	0.90	...	...
...	-59.045	-28.525	-5	...	...	...	-53.563	+34.427	-4	...	...	...	-49.579	-10.284	-5	...	...
...	59.011	-27.241	-5	...	...	...	53.409	+10.093	-5	...	...	...	49.570	+20.515	-5	...	...
...	58.968	-19.339	-5	E	...	...	53.307	-31.883	-5	...	...	...	49.524	-17.021	-4	...	...
...	58.914	+38.041	-5	...	...	...	53.119	-24.308	0.70	E	...	...	49.507	+6.855	-5	M	...
...	58.817	+28.474	0.95	...	...	...	53.046	+47.245	-5	...	...	...	49.490	+17.738	0.70	...	...
21	...	...	...	...	...	81	...	...	...	...	...	141	...	...	...	...	...
...	-58.789	+10.057	-5	...	...	...	-52.961	-13.617	-5	...	...	...	49.402	+21.841	0.95	...	...
...	58.731	+23.703	-4	...	...	...	52.771	+38.408	-3	...	...	...	49.243	-23.380	0.95	...	...
...	58.703	+22.759	0.90	...	...	...	52.769	+18.672	-5	M	...	...	49.216	-18.182	-5	...	...
...	58.518	+7.374	-3	...	...	...	52.679	+40.115	-5	M	...	...	49.080	-11.447	-3	...	...
...	58.497	+4.570	-5	M	...	...	52.674	-48.395	-4	...	...	...	48.907	-47.088	1.00	...	...
...	-58.398	+22.263	-5	...	...	*	-52.581	+2.407	1.20	50.10882	9.8	...	-48.887	+16.579	-5	...	...
E *	58.387	-50.228	1.80	51.11058	9.0	...	52.430	+17.500	-3	...	...	...	48.849	+28.773	0.70	...	...
...	58.271	-39.313	-5	p	...	...	52.382	-11.991	-4	...	...	...	48.752	+56.866	-5	...	...
...	58.176	-24.657	0.75	E	...	...	52.291	+12.804	-5	...	...	...	48.634	-21.900	-5	p	...
...	57.877	-42.693	1.00	E	...	...	52.283	-36.232	0.95	...	...	...	48.591	+34.415	-3	...	...
31	...	...	...	...	...	91	...	...	...	...	...	151	...	...	...	...	...
†	-57.795	+34.941	-3	...	...	...	-52.282	-1.882	-5	...	...	...	48.563	+57.459	1.20	50.10885	10.6
...	57.766	+10.832	1.00	...	...	...	52.182	+56.070	-5	...	...	*	48.504	-11.466	1.00	51.11061	10.2
...	57.728	+38.199	-5	...	...	...	52.157	+26.658	-3	...	...	...	48.436	-3.762	0.85	...	...
...	57.620	-0.341	-5	F	...	...	52.111	-14.805	-4	...	...	...	48.424	+26.382	-5	M	...
...	57.599	-33.281	-5	...	...	...	52.054	-16.909	0.75	...	...	...	48.423	+39.535	-3	...	...
...	-57.537	-18.552	-5	...	...	...	-51.914	-5.122	0.85	...	...	...	-48.338	-49.954	-5	p	...
...	57.390	+34.225	0.85	...	...	...	51.892	-37.807	-3	...	...	...	48.324	-12.360	-5	...	...
...	57.090	-29.763	0.90	E	...	...	51.877	-37.933	-3	...	...	S *	48.227	-9.633	2.80	51.11062	8.2
...	57.074	+48.017	-5	...	...	...	51.843	+16.745	0.90	...	...	...	48.109	+35.326	-5	...	...
...	56.914	-51.459	-5	...	...	...	51.486	-45.567	-5	p	...	...	48.024	+26.355	-5	M	...
41	...	...	...	...	...	101	...	...	...	...	...	161	...	...	...	...	...
...	-56.659	-49.767	-5	...	...	...	-51.485	-34.546	-5	...	...	...	48.014	+1.437	-5	...	...
...	56.560	-17.615	-5	...	...	...	51.461	+31.529	-5	...	...	...	47.954	+11.870	0.75	...	...
*	56.528	-20.686	1.00	E	...	...	51.379	+3.801	-4	...	...	...	47.919	+5.658	-3	...	...
...	56.389	+35.951	1.00	...	...	...	51.304	-47.876	-5	...	...	...	47.797	-40.466	-5	p	...
...	56.379	-22.091	-5	...	...	...	51.225	+16.796	-5	...	...	...	47.792	-15.022	-1	...	...
...	-56.265	-21.714	-5	...	...	*	-51.103	-58.825	1.05	52.11296	10.6	†	47.719	+40.789	-5	...	...
...	56.148	-21.521	0.70	E	...	...	50.831	+51.640	-4	...	...	...	47.612	-49.174	-5	...	...
...	56.060	-9.830	-5	...	...	*	50.782	+15.868	1.00	50.10883	10.4	...	47.506	-12.081	-5	...	...
...	56.001	+26.715	-4	...	...	*	50.750	-38.944	1.40	51.11059	9.2	...	47.423	-30.566	0.75	...	...
...	55.955	+50.371	-2	...	...	...	50.691	+50.069	-5	...	...	...	47.160	+46.103	-5	M	...
51	...	...	...	...	...	111	...	...	...	...	...	171	...	...	...	...	...
...	-55.949	+15.860	-5	M	...	...	-50.658	+1.837	-4	...	...	...	47.136	-59.699	0.75	...	...
...	55.930	+40.601	-5	M	...	...	50.586	+21.812	0.95	...	...	...	47.017	+1.091	-5	...	...
...	55.906	-9.819	0.70	E	...	...	50.531	+49.472	-4	...	...	...	46.841	-45.365	-4	...	...
†	55.885	+14.969	-5	M	...	...	50.514	-10.126	-5	p	...	...	46.839	+18.741	-4	...	...
...	55.842	+15.933	-5	M	...	*	50.509	-17.179	1.25	51.11060	9.8	...	46.783	+6.593	-5	M	...
...	-55.775	-16.514	-5	...	...	...	-50.424	-48.897	0.95	...	...	...	-46.757	-30.912	1.00	51.11063	10.6
...	55.772	-10.986	-5	p	...	...	50.378	-35.916	-3	...	...	...	46.730	-9.652	-5	...	...
...	55.698	+25.945	-2	...	...	...	50.352	-28.043	-2	...	...	...	46.693	+15.641	-2	...	...
...	55.661	-14.151	0.85	E	...	†	50.327	-52.285	-4	...	...	...	46.538	+26.728	-5	...	...
...	55.372	-36.349	-5	...	...	†	50.194	-19.003	-4	...	...	...	46.366	+57.978	-5	...	...

L measured from 1, 120, 267, 400, 518, 621, 725, 829, 930, 1051, 1162, 1274.
 C " " 61, 197, 328, 459, 567, 674, 772, 872, 992, 1100, 1223, 1318.

Notes.	Co-ordinates.		Diam. 0.65	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
181	-46.257	+57.994	-4	...	...	241	-42.514	+23.057	-2	...	...	301	-37.744	-52.877	0.95	...	...
...	46.207	+37.448	1.00	50.10886	11.6	...	42.506	-26.270	-3	...	...	S *	37.643	+7.474	1.40	50.10892	9.4
...	46.139	-24.789	-5	...	...	...	42.434	+16.364	-3	...	...	...	37.552	+30.685	-3	...	...
...	46.101	+18.040	0.70	...	...	...	42.360	+20.033	0.80	...	...	...	37.499	+34.260	-5	...	...
...	46.032	-39.319	-5	...	...	...	42.240	-29.763	-5	p	...	...	37.459	+26.929	-2	...	...
...	-45.979	-51.675	-3	...	...	...	-42.103	-49.416	-5	p	...	...	-37.370	+43.464	-5	...	...
...	45.929	+33.570	0.90	...	...	...	42.042	-18.649	0.90	...	...	...	37.297	+52.227	1.00	50.10893	10.6
...	45.910	+55.750	-3	...	...	...	41.929	-16.155	-4	...	...	...	37.245	+36.095	-5	...	...
...	45.822	-28.787	-5	...	...	...	41.847	-22.895	-5	p	...	...	37.134	-48.286	-5	...	...
...	45.789	+28.943	-5	...	...	...	41.823	-47.683	-3	...	...	...	36.936	-41.783	-2	...	...
191	-45.778	-4.304	-5	...	...	251	-41.546	+31.284	-4	...	...	311	-36.791	+19.527	-5	...	...
...	45.765	-28.081	0.90	...	...	...	41.534	+31.761	-5	...	...	...	36.678	-43.999	-3	...	...
...	45.626	-6.193	-4	...	...	...	41.454	-28.711	0.70	...	...	...	36.665	-33.922	-4	...	...
...	45.624	-57.603	1.00	...	...	...	41.243	+15.453	-4	...	...	...	36.623	-9.286	-5	p	...
...	45.468	+37.651	-3	...	...	...	41.228	+1.225	0.65	...	...	...	36.584	-58.831	-5	...	...
†	-45.334	-47.913	0.85	...	...	...	-41.051	-4.498	-4	...	...	...	-36.425	-43.973	-5	...	...
...	45.208	-21.862	-4	...	...	...	41.014	+18.127	-2	...	...	*	36.395	-12.095	1.00	51.11065	10.6
...	45.158	-15.159	-5	p	...	...	40.976	-58.597	1.00	...	...	...	36.332	+11.023	0.70	...	...
...	45.110	-42.480	-3	...	...	...	40.851	+4.301	-5	M	...	...	36.237	-1.186	-5	...	...
...	45.089	-59.639	-5	p	...	...	40.844	-11.599	-4	...	...	...	36.141	+29.180	-4	...	...
201	-45.016	+13.863	-3	...	...	261	-40.784	+38.090	-5	M	...	321	-36.036	+5.884	-2	...	...
...	44.871	-43.385	0.90	...	...	...	40.748	+1.219	-1	...	...	...	35.750	+7.703	-5	...	...
...	44.843	+46.296	-5	...	...	...	40.707	-4.394	-5	...	...	...	35.649	-7.929	0.70	...	...
...	44.839	+43.167	1.00	...	...	...	40.691	+38.243	-5	M	...	...	35.607	+54.235	-5	...	...
*	44.675	-14.540	1.00	...	...	...	40.601	+26.437	0.90	...	...	...	35.419	-14.890	-5	...	...
...	-44.606	+43.561	-4	...	...	...	-40.408	+6.389	-5	M	...	...	-35.407	+53.948	-4	...	...
...	44.589	+3.566	-4	...	...	*	40.116	+13.997	1.00	50.10889	10.2	†	35.375	-34.919	1.15	51.11066	9.6
*	44.394	+37.431	1.20	50.10888	10.2	...	40.088	+20.668	-5	...	...	†	35.259	+9.507	1.20	50.10894	9.8
...	44.208	-28.526	0.90	...	...	...	40.055	-56.475	-4	...	...	...	34.987	+22.329	-5	...	...
...	44.089	-2.330	-5	...	...	*	39.939	+13.451	1.00	50.10890	10.2	†	34.985	-59.817	-3	...	...
211	-44.046	+4.588	0.80	...	...	271	-39.822	-33.935	-5	...	...	331	-34.907	-17.555	2.00	51.11067	8.6
...	43.998	-9.150	-2	...	...	...	39.702	-57.291	-5	...	...	...	34.835	+4.785	-1	...	...
...	43.958	-8.900	-5	...	...	...	39.451	-58.557	-4	...	...	...	34.813	-2.604	0.70	...	...
*	43.916	+31.613	1.00	...	...	...	39.417	+52.256	-2	...	...	*	34.809	+35.486	1.20	50.10895	9.8
...	43.780	+51.871	-5	...	...	...	39.395	-16.296	-2	...	...	...	34.700	-13.904	-5	p	...
...	-43.745	-56.958	-5	...	...	...	-39.316	+53.383	-5	...	...	...	-34.631	-2.440	0.85	...	...
...	43.715	+43.453	-4	...	...	...	39.272	+53.057	-3	...	...	...	34.629	-12.906	0.90	...	...
...	43.683	+14.627	-5	...	...	...	39.238	+14.829	0.70	...	...	...	34.624	-42.047	0.70	...	...
...	43.582	+18.589	-5	...	...	†	39.218	+54.891	-5	M	...	...	34.570	-46.025	0.70	...	...
...	43.560	-28.912	-5	...	...	...	39.209	-29.345	-5	p	...	...	34.411	+30.599	-5	...	...
221	-43.526	+53.145	-5	M	...	281	-39.022	-13.043	-3	...	...	341	-34.402	-38.968	-3	...	...
...	43.495	+36.363	-4	...	...	...	38.968	+5.513	0.70	...	...	...	34.384	+40.015	0.80	...	...
...	43.476	-37.317	0.75	...	...	...	38.815	-41.944	-3	...	...	...	34.309	-8.935	-3	...	...
...	43.422	+16.881	-5	...	...	...	38.792	-50.327	-5	...	...	...	34.308	-5.682	-2	...	...
...	43.415	+0.926	0.90	...	...	...	38.778	+47.633	1.00	...	...	...	34.227	-43.716	-4	...	...
...	-43.362	+0.893	-5	M	...	...	-38.722	+21.606	-5	...	...	...	-34.196	-44.628	0.80	...	...
...	43.407	+33.461	-5	M	...	...	38.681	+7.878	-2	...	...	...	34.120	-41.788	-5	...	...
...	43.384	+34.754	-4	...	...	...	38.557	+56.306	-5	...	...	...	34.097	-4.590	-5	p	...
...	43.374	-51.180	-4	...	...	...	38.533	-43.134	-1	...	...	...	33.865	-13.067	-5	...	...
...	43.161	+37.019	-5	...	...	...	38.473	-18.763	-5	...	...	...	33.786	+12.758	-3	...	...
231	-43.156	-2.204	0.95	...	...	291	-38.418	+43.880	1.00	...	...	351	-33.706	+32.973	1.25	50.10896	9.8
*	43.039	+40.850	-5	...	...	...	38.201	+2.095	1.00	50.10891	10.6	*	33.690	+7.489	-4	...	...
...	43.039	-23.700	-3	...	...	*	38.172	-50.282	1.05	51.11064	9.6	...	33.686	+34.401	-4	...	...
...	42.996	-53.999	-5	p	...	*	38.146	-58.928	1.35	52.11305	9.4	...	33.658	+29.364	-4	...	...
...	42.963	+7.922	-3	...	...	...	38.090	-32.527	0.70	...	...	*	33.594	+43.066	0.95	...	...
...	-42.915	-1.600	-2	...	...	...	-38.031	+22.963	-5	...	...	*	-33.567	+40.988	1.00	...	...
...	42.903	-24.400	-5	p	...	...	38.007	+14.728	-2	...	...	...	33.440	+59.044	1.00	...	...
...	42.780	+18.060	-5	M	...	...	37.819	+35.293	-2	...	...	...	33.387	+32.497	-2	...	...
...	42.728	+0.668	-5	...	...	...	37.815	-17.573	-5	...	...	...	33.344	+31.657	-5	...	...
...	42.548	+6.240	0.90	...	...	...	37.750	+31.106	-4	...	...	...	33.274	+9.187	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
361-420						421-480						481-540					
36I	-32° 8' 18	+22° 00' 9	-5	...	...	42I	-28° 27' 4	+21° 8' 30	1° 00	50.10902	10.2	48I	-23° 41' 11	-53° 9' 55	-5	...	...
...	32° 8' 08	+35° 37' 4	-4	...	...	...	28° 22' 4	+0° 40' 5	2° 20	51.11072	8.6	...	23° 35' 5	-21° 47' 6	-4	...	...
...	32° 7' 40	+35° 17' 4	-5	...	...	...	27° 9' 84	+2° 9' 16	-2	...	...	...	23° 32' 7	-29° 31' 2	-5	...	...
...	32° 55' 3	-58° 6' 84	-5	...	...	...	27° 9' 79	-44° 10' 4	-4	...	...	...	23° 30' 2	+32° 19' 3	0.80	...	...
...	32° 54' 2	-46° 41' 6	-5	...	...	...	27° 9' 73	-36° 46' 0	-4	...	...	...	23° 13' 6	-18° 7' 10	-5	...	...
...	-32° 46' 9	-7° 7' 84	-5	...	...	S *	-27° 9' 16	-35° 7' 46	1° 50	51.11071	9.0	...	-23° 00' 9	+26° 7' 25	-4	...	...
*	32° 42' 9	+25° 38' 4	1° 40	50.10897	9.6	...	27° 8' 99	-53° 46' 0	0° 85	...	...	*	22° 88' 9	+5° 21' 6	1° 00	...	...
...	32° 37' 3	-1° 9' 06	-5	...	...	*	27° 8' 69	+7° 0' 10	1° 35	50.10903	9.5	...	22° 75' 4	-49° 15' 7	-4	...	...
...	32° 28' 9	+53° 44' 7	-5	M	...	...	27° 7' 75	-12° 13' 8	-2	...	...	†	22° 54' 4	-10° 0' 76	2° 00	51.11075	8.8
...	32° 13' 2	+35° 57' 5	-5	M	...	...	27° 7' 59	+40° 20' 4	-5	M	...	*	22° 37' 9	-28° 56' 8	1° 00	51.11074	10.4
37I	-31° 7' 01	-30° 21' 7	1° 20	51.11068	9.4	43I	-27° 7' 34	+54° 45' 7	-5	M	...	49I	-22° 33' 9	+31° 37' 2	2° 70	50.10908	8.4
*	31° 59' 8	-4° 12' 0	-5	p	...	...	27° 5' 48	-27° 8' 66	0° 75	...	...	S *	22° 29' 4	-50° 60' 1	-4	...	...
...	31° 50' 7	-37° 25' 0	-5	p	...	*	27° 4' 31	-27° 30' 2	1° 25	51.11073	9.2	...	22° 12' 6	+47° 05' 2	-2	...	...
...	31° 41' 7	+9° 8' 51	-4	...	...	...	27° 3' 50	-18° 55' 3	0° 75	...	...	...	22° 07' 4	+55° 48' 6	-2	...	...
*	31° 31' 3	+24° 6' 35	1° 00	50.10899	10.2	...	27° 3' 14	-48° 7' 08	-3	...	...	...	22° 03' 2	-7° 56' 2	0.80	...	...
*	-31° 26' 9	+19° 03' 6	1° 10	50.10898	10.0	...	-27° 2' 66	-13° 6' 32	-3	...	...	...	-22° 03' 1	-15° 36' 7	-5	p	...
*	31° 23' 1	+48° 8' 91	1° 05	50.10901	10.6	...	27° 1' 95	-55° 16' 2	1° 00	...	...	...	22° 02' 4	+5° 09' 8	-5	...	...
...	31° 21' 6	+49° 9' 37	-4	...	...	...	27° 1' 64	+0° 23' 1	-3	...	...	...	21° 89' 7	+56° 89' 3	-3	...	...
...	31° 06' 5	+13° 55' 6	-5	...	...	...	27° 0' 17	+59° 34' 7	1° 00	...	...	...	21° 86' 0	+4° 44' 2	-4	...	...
*	31° 05' 0	+12° 38' 1	1° 00	50.10900	10.6	...	26° 9' 42	-52° 39' 9	0° 90	...	...	...	21° 85' 0	-4° 76' 4	0° 75	...	...
38I	-31° 03' 0	+24° 08' 9	0° 65	...	...	44I	-26° 9' 01	+30° 02' 0	-5	M	...	50I	-21° 8' 18	-49° 28' 7	-2	...	...
...	31° 02' 1	-5° 23' 1	-5	...	...	...	26° 8' 76	-21° 39' 4	0° 90	...	...	...	21° 80' 1	-47° 11' 4	-5	...	...
...	30° 96' 4	-40° 32' 3	-3	...	...	...	26° 8' 64	-59° 8' 14	0° 70	...	...	...	21° 62' 7	+7° 69' 9	-5	...	...
...	30° 88' 5	-44° 72' 1	-3	...	...	...	26° 8' 20	-37° 75' 8	-1	...	...	...	21° 57' 8	-3° 31' 4	-3	...	...
...	30° 88' 0	+38° 05' 0	1° 00	...	...	...	26° 6' 27	+32° 61' 7	-2	...	...	...	21° 50' 1	+1° 38' 8	0° 65	...	...
...	-30° 86' 0	-46° 35' 2	-5	...	...	...	-26° 39' 8	+12° 24' 4	0° 80	...	...	...	-21° 45' 1	-48° 78' 5	-4	...	...
...	30° 71' 9	+10° 83' 2	0° 80	...	...	...	26° 33' 4	+53° 39' 4	-5	...	...	*	21° 27' 9	-2° 60' 7	1° 50	51.11076	9.4
...	30° 64' 7	-48° 00' 1	-5	p	...	...	26° 20' 0	-17° 01' 1	-4	...	...	...	21° 15' 9	+28° 77' 3	0° 70	...	...
...	30° 63' 9	+41° 11' 9	-2	...	...	...	26° 17' 7	-13° 73' 4	-3	...	...	...	21° 04' 6	+9° 50' 2	-4	...	...
...	30° 60' 6	-29° 01' 3	-5	p	...	...	26° 15' 1	+44° 69' 4	-5	M	...	...	20° 89' 3	+9° 61' 8	-5	...	...
39I	-30° 58' 3	+23° 33' 2	0° 85	...	...	45I	-25° 9' 68	-14° 15' 4	-5	...	...	51I	-20° 78' 7	+21° 83' 9	0° 75	...	...
...	30° 58' 2	-38° 62' 9	-2	...	...	...	25° 9' 51	-1° 69' 9	-4	...	...	...	20° 66' 4	-53° 42' 1	0° 75	...	...
...	30° 55' 1	-5° 48' 1	-2	...	...	...	25° 9' 35	-13° 76' 2	-5	...	...	...	20° 61' 0	+6° 07' 7	-5	...	...
*	30° 51' 0	-56° 15' 2	1° 00	51.11069	10.6	...	25° 8' 86	-18° 74' 4	-5	p	...	...	20° 54' 0	+23° 40' 7	-4	...	...
...	30° 47' 8	+50° 86' 4	-4	...	...	...	25° 7' 95	+4° 08' 4	-3	...	...	...	20° 49' 7	+35° 02' 4	-3	...	...
...	-30° 44' 2	+54° 60' 8	-5	...	...	...	-25° 74' 6	-2° 80' 4	-3	...	...	...	-20° 46' 6	-41° 52' 3	-5	...	...
...	30° 43' 2	-28° 28' 8	-5	...	...	...	25° 46' 2	-22° 26' 7	-5	...	...	...	20° 45' 8	+4° 58' 6	0° 80	...	...
...	30° 39' 7	+38° 21' 8	0° 70	...	...	...	25° 43' 8	+25° 55' 4	-5	M	...	...	20° 09' 7	+32° 80' 4	0° 90	...	...
†	30° 36' 2	-15° 62' 5	0° 80	...	...	...	25° 24' 6	+52° 05' 4	0° 75	...	...	...	19° 91' 4	-41° 58' 7	-5	...	...
†	30° 23' 5	-49° 29' 0	1° 00	...	...	...	25° 24' 6	+16° 09' 3	-5	...	...	...	19° 80' 1	-2° 69' 1	-2	...	...
40I	-30° 15' 7	+0° 05' 9	-3	...	...	46I	-25° 24' 5	+3° 60' 3	0° 90	...	...	52I	-19° 69' 2	+49° 87' 3	1° 00	50.10909	9.6
...	29° 95' 7	+56° 10' 9	-2	...	...	...	25° 18' 0	-24° 20' 6	0° 70	...	...	...	19° 66' 9	-47° 89' 4	-4	...	...
...	29° 65' 8	+42° 88' 1	-5	M	...	...	25° 01' 0	+27° 84' 9	-4	...	...	...	19° 54' 6	-38° 51' 0	-5	...	...
...	29° 62' 6	+9° 04' 1	-5	...	...	...	24° 95' 6	-59° 02' 7	-5	...	...	...	19° 36' 6	+56° 37' 2	-5	...	...
...	29° 61' 8	+25° 16' 8	-4	...	...	...	24° 79' 3	+41° 00' 5	-4	B	...	...	19° 35' 6	+16° 13' 8	-5	...	...
...	-29° 60' 0	+49° 08' 5	-5	...	...	*	-24° 59' 2	+16° 17' 9	1° 40	50.10905	9.4	...	-19° 33' 8	-20° 90' 7	-3	...	...
...	29° 58' 2	+50° 77' 9	-5	...	...	...	24° 25' 7	+6° 87' 2	-4	...	...	...	19° 28' 4	-50° 14' 1	-4	...	...
...	29° 47' 7	-32° 71' 4	-3	...	...	...	24° 24' 8	-7° 11' 2	-4	...	...	...	19° 18' 5	+24° 29' 9	-5	...	...
...	29° 40' 7	+4° 37' 6	-5	...	...	†	24° 23' 5	+29° 92' 6	1° 05	50.10906	9.8	...	19° 17' 0	+23° 27' 1	0° 90	...	...
...	29° 35' 9	-54° 71' 3	-5	...	...	...	24° 20' 0	-35° 05' 0	-5	...	...	†	19° 10' 6	-25° 04' 9	3° 00	51.11077	8.2
41I	-29° 29' 7	-16° 65' 5	-2	...	...	47I	-24° 19' 1	-40° 59' 1	-4	...	...	53I	-18° 74' 5	+59° 03' 2	-5	...	...
...	28° 99' 9	+30° 81' 2	-4	...	...	...	24° 16' 2	+52° 09' 7	-5	...	...	...	18° 72' 8	-50° 27' 5	-5	...	...
...	28° 96' 6	+16° 30' 6	0° 95	...	...	...	24° 06' 6	+2° 33' 7	-4	...	...	†	18° 58' 1	+34° 84' 1	0° 85	...	...
...	28° 94' 1	-56° 66' 6	-5	...	...	...	24° 04' 6	-19° 05' 7	-4	...	...	*	18° 39' 3	+49° 45' 0	1° 15	50.10910	9.4
...	28° 86' 0	-49° 59' 2	-3	...	...	...	24° 04' 2	-12° 91' 2	0° 65	...	...	...	18° 33' 5	+50° 13' 7	-5	...	...
*	-28° 59' 8	-32° 03' 5	1° 40	51.11070	9.0	...	-24° 03' 3	+33° 19' 3	1° 00	50.10907	10.6	...	-17° 88' 7	+32° 40' 3	-4	...	...
...	28° 50' 6	-14° 68' 1	-5	p	...	...	23° 76' 8	-58° 55' 8	-5	p	...	...	17° 87' 8	-58° 41' 7	-2	...	...
...	28° 39' 5	+23° 47' 0	-3	...	...	...	23° 65' 9	-32° 16' 3	0° 90	...	...	...	17° 64' 6	+9° 07' 1	-5	...	...
*	28° 36' 2	+57° 77' 8	1° 10	50.10904	10.4	...	23° 55' 9	-44° 75' 9	-3	...	...	...	17° 57' 6	-53° 46' 7	-2	...	...
...	28° 31' 3	-1° 46' 3	-4	...	...	...	23° 53' 6	+55° 13' 2	-5	M	...	...	17° 55' 3	+23° 04' 1	-3	...	...

Notes.	Co-ordinates.		Diam. 0.65.	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65.	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
541-600						601-660						661-720					
54I	-17.524	-19.543	1.05	51.11078	9.8	60I	-12.344	+12.151	0.80	...	...	66I	-6.077	+35.414	-5	...	...
*	17.455	-44.313	-5	...	...	...	12.173	+43.240	-5	...	...	...	6.070	+6.506	-5	...	...
...	17.391	+33.514	-4	...	...	...	12.141	+10.594	-5	...	...	...	6.066	+26.539	-3	...	...
...	17.304	+28.543	0.75	...	...	...	12.054	-32.085	-5	...	...	...	6.048	-37.096	0.85	...	...
...	17.180	+26.406	-2	...	...	...	11.898	+11.397	0.65	...	...	*	5.934	-39.614	1.00	51.11085	10.6
†	-17.062	-0.047	-4	...	...	...	-11.830	-57.197	-5	...	...	...	5.864	-22.037	0.90	...	...
*	16.806	+50.453	1.00	...	...	...	11.795	-46.191	0.95	...	...	...	5.670	+5.574	-3	...	...
...	16.795	-45.403	-3	...	...	...	11.536	+16.462	-5	...	...	...	5.650	-9.756	-5	...	...
...	16.741	-27.546	-5	p	...	...	11.471	+55.355	-5	...	...	...	5.610	+0.682	-5	...	...
...	16.723	-33.542	-5	...	...	...	11.435	+27.379	-5	...	...	†	5.545	+54.739	0.90	...	...
55I	-16.711	-50.826	-5	...	...	61I	-11.418	+28.672	-5	...	...	67I	-5.538	+31.211	0.75	...	...
...	16.587	-41.826	0.90	...	...	...	11.258	+24.749	-5	M	...	†	5.478	-39.937	-5	...	...
...	16.481	-47.717	-5	...	...	...	11.056	-22.756	-5	...	...	†	5.386	+45.652	0.80	...	...
...	16.414	+27.017	-5	...	...	...	11.053	-48.611	-5	...	...	...	5.094	-56.146	-5	...	...
...	16.372	+50.786	1.00	50.10911	10.6	...	11.022	+20.900	-4	...	...	...	4.985	-29.157	0.85	...	...
...	-16.362	-38.692	-3	...	...	...	-11.001	-9.041	-4	...	...	*	-4.961	-18.759	1.60	51.11086	9.2
...	16.267	+17.885	-3	...	...	...	10.971	-0.726	-5	...	...	...	4.863	+39.147	-4	...	...
...	16.234	+8.890	1.00	...	...	...	10.878	+55.988	-5	...	...	...	4.800	-45.967	0.65	...	...
...	16.206	+34.595	-4	...	...	...	10.727	-47.046	-5	...	...	...	4.705	+54.540	-1	...	...
...	16.111	-41.389	1.00	...	...	†	10.396	+4.517	-5	...	...	...	4.666	-54.178	-5	p	...
56I	-15.933	-54.864	-1	...	...	62I	-10.241	-38.437	-5	...	...	68I	-4.555	+6.057	-5	M	...
†	15.887	-41.377	-5	...	...	...	10.144	-57.977	0.80	...	...	...	4.518	+31.810	-5	...	...
...	15.760	+21.456	-5	...	...	...	10.007	-30.603	-5	...	...	...	4.468	-18.254	-5	p	...
...	15.471	+18.862	-5	...	...	...	9.984	+58.328	-3	...	...	S*	4.417	+40.777	2.40	50.10919	8.6
†	15.455	-37.444	-5	...	...	...	9.894	-29.720	-5	...	...	...	4.341	-26.644	-4	...	...
†	-15.365	-28.952	1.00	51.11079	10.0	...	-9.872	+53.712	-5	...	...	†	-4.329	-29.972	-4	...	...
*	15.229	-27.534	1.80	51.11080	9.0	...	9.806	+49.391	-5	...	...	...	4.123	-45.345	-3	...	...
...	15.097	+18.256	-5	...	...	...	9.503	-55.788	0.80	...	...	*	4.076	-39.309	1.05	51.11087	10.6
...	14.996	+50.323	-5	...	...	...	9.414	+55.015	-4	...	...	...	4.022	+54.698	0.80	...	...
†	14.984	+49.807	-1	...	...	...	9.380	+48.056	-5	...	...	...	3.833	+26.486	-5	...	...
57I	-14.977	+53.910	-5	M	...	63I	-9.258	+34.042	-5	...	...	69I	-3.780	+41.680	-2	...	...
†	14.713	-29.947	0.75	...	...	...	9.203	+25.915	-4	...	...	...	3.729	-56.044	0.80	...	...
...	14.704	+55.069	-2	...	...	*	9.080	+59.628	1.10	50.10916	9.6	...	3.716	+55.437	-5	M	...
...	14.602	-27.892	0.70	...	...	...	9.038	-44.168	-5	...	...	...	3.562	+36.523	-3	...	...
...	14.332	-45.901	-3	...	...	...	9.023	+33.386	-5	...	...	...	3.521	-11.593	1.00	...	...
...	-14.237	+4.685	-3	...	...	...	-8.719	-8.393	-4	...	...	...	-3.468	-19.383	-5	...	...
...	14.195	-58.379	0.90	...	...	...	8.694	+34.060	-5	...	...	...	3.458	-8.059	-3	...	...
...	14.157	-7.422	-5	p	...	...	8.589	+25.580	-5	...	...	...	3.361	-52.544	0.90	...	...
...	14.110	-27.365	0.80	...	...	...	8.556	-15.670	-3	...	...	...	3.320	-8.477	-5	p	...
...	14.019	+42.264	-5	M	...	...	8.527	+47.926	-5	...	...	*	3.238	+51.174	1.05	50.10920	10.2
58I	-13.931	-13.979	-5	p	...	64I	-8.511	-17.489	-5	...	...	70I	-3.205	-27.478	1.00	...	...
...	13.920	+44.181	0.95	...	...	...	8.227	+36.469	-5	...	...	*	3.153	-47.005	2.50	51.11088	8.6
...	13.829	-33.326	-5	...	...	...	8.211	+57.378	-4	...	...	...	3.150	+35.609	-5	...	...
†	13.792	-34.997	1.10	51.11081	10.2	...	8.138	-16.261	-5	p	...	...	3.081	+50.534	-5	...	...
...	13.705	+10.634	-4	...	...	...	8.119	+33.777	0.80	...	...	...	2.831	-6.010	-5	...	...
†	-13.704	+44.888	-5	...	...	...	-8.043	+6.929	0.90	...	...	...	-2.831	-44.554	0.90	...	...
*	13.697	-27.491	2.20	51.11082	8.8	...	8.010	-26.266	-4	...	...	...	2.818	+49.949	-5	...	...
*	13.688	-17.579	1.40	51.11083	9.6	...	7.881	-8.977	-5	...	...	...	2.728	-4.661	-4	...	...
...	13.573	-24.343	-3	...	...	...	7.570	+7.332	1.00	50.10917	10.2	...	2.628	+46.918	0.95	...	...
...	13.423	-47.971	-4	...	...	...	7.425	-31.084	-5	...	...	...	2.366	-47.480	-4	...	...
59I	-13.237	+10.211	1.20	50.10913	10.2	65I	-7.265	+20.303	-3	...	...	71I	-2.147	-20.743	-2	...	...
*	12.974	+28.841	-5	...	...	...	7.046	+15.208	1.00	50.10918	10.6	...	2.013	-45.718	-4	...	...
...	12.928	+43.596	-3	...	...	...	7.029	-49.070	0.80	...	...	...	1.891	-31.638	0.70	...	...
...	12.860	-30.863	-5	...	...	...	6.808	-57.817	0.80	...	...	...	1.562	+36.566	-4	...	...
*	12.821	+55.565	1.10	50.10914	10.0	...	6.796	-30.694	0.90	...	...	...	1.558	+42.694	-5	m	...
...	-12.786	-4.913	-5	p	...	...	-6.708	+47.892	0.80	...	...	...	-1.515	+42.026	-3	...	...
†	12.667	-4.966	0.95	51.11084	10.6	...	6.692	+42.224	-5	...	...	...	1.260	-3.195	1.00	51.11089	10.6
...	12.661	-51.662	-5	...	...	...	6.403	+58.184	-4	...	...	...	1.223	-4.661	0.90	...	...
*	12.407	+37.716	1.10	50.10915	10.2	...	6.303	+40.937	-5	...	...	*	1.117	+40.168	1.40	50.10921	8.9
...	12.352	-59.658	-2	...	...	...	6.276	+8.050	-3	...	...	...	1.068	+7.219	-5	m	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
721-780						781-840						841-900					
72I	-0.914	-53.158	-3	...	...	78I	+5.651	+29.263	1.60	50.I0926	9.2	84I	+10.975	+53.546	1.05	50.I0928	10.0
...	0.854	-37.444	-5	...	...	...	5.663	-50.091	-5	...	...	...	11.058	-43.875	-5	...	...
...	0.787	-44.168	-4	...	...	...	5.671	-41.992	-5	p	...	†	11.455	-49.906	-4	...	...
...	0.653	-12.171	-3	...	...	...	5.782	-32.957	-5	p	...	*	11.591	-37.146	1.00	51.I1098	10.4
†	0.364	+47.746	-5	...	...	*	5.783	-33.162	1.15	51.I1094	9.6	...	11.592	-13.034	-5	...	...
†	-0.322	+40.282	0.85	...	...	...	+5.901	+56.303	-1	...	...	...	+11.616	-17.659	-5	...	...
...	0.250	+28.422	-2	...	...	...	5.981	-28.545	-3	...	...	...	11.787	-18.147	-3	...	...
...	0.241	+24.357	-5	...	...	...	5.996	+57.037	-5	...	...	S †	12.004	-54.858	2.00	51.I1099	8.2
...	-0.080	-31.377	-5	...	...	...	6.184	-46.922	-5	p	...	†	12.046	+44.843	-4	...	...
...	+0.026	-57.835	-3	...	...	*	6.195	-20.652	1.00	...	...	...	12.137	-3.486	-4	...	...
73I	+0.344	+22.118	1.00	50.I0922	10.6	79I	+6.283	-48.797	-5	...	...	85I	+12.159	-21.434	0.95	...	...
...	0.378	+8.212	-5	...	...	...	6.416	-51.997	-4	...	...	...	12.502	+5.632	-5	...	...
...	0.408	-45.111	-5	p	...	...	6.521	-13.888	-5	...	...	...	12.787	-19.439	-5	...	...
...	0.463	-41.566	-4	...	...	...	6.522	-38.815	-2	...	...	...	12.846	+6.759	-5	...	...
*	0.552	+45.940	0.95	...	...	...	6.532	-27.734	-5	...	...	...	12.982	-27.979	-5	...	...
*	+0.838	-57.375	-5	...	...	...	+6.613	+46.192	0.75	...	...	...	+13.106	+56.593	-5	m	...
*	0.893	+47.985	1.00	50.I0924	10.2	...	6.627	+11.274	-3	...	...	...	13.155	-9.280	1.00	...	...
*	0.920	+48.260	0.95	50.I0923	10.4	...	6.810	-17.307	-4	...	...	...	13.163	-41.735	-5	...	...
...	0.939	-43.865	1.00	51.I1090	10.6	...	6.898	-50.793	0.85	...	...	...	13.344	+44.605	-3	...	...
...	0.960	-7.625	0.95	...	...	...	6.909	-33.748	-4	...	...	...	13.507	-47.423	-5	p	...
74I	+0.980	+31.538	-5	...	...	80I	+6.924	+29.138	-1	...	...	86I	+13.600	+38.775	0.95	...	...
...	0.982	+32.839	0.70	...	...	a †	7.180	+0.072	1.80	51.I1095	9.2	...	13.705	-38.932	-5	p	...
...	0.986	+51.864	0.95	...	...	...	7.256	+47.667	-3	...	...	...	13.785	-55.967	-5	...	...
...	1.124	+54.535	-5	...	...	...	7.597	-20.783	-5	...	...	...	13.922	+23.595	-5	...	...
...	1.155	+14.451	-5	...	...	...	7.692	+2.111	-3	...	...	...	13.938	-57.257	-5	...	...
...	+1.155	-46.177	1.00	...	...	...	+7.717	-43.304	-4	...	...	...	+14.072	-40.800	0.90	...	...
...	1.202	+52.629	-5	...	...	...	7.766	+21.074	-5	m	...	...	14.201	+23.170	-5	...	...
...	1.402	+26.526	-5	...	...	...	7.868	-20.711	-5	...	...	...	14.309	-32.047	-2	...	...
...	1.405	-54.316	-5	...	...	*	7.920	+51.067	1.10	...	...	...	14.402	-34.863	-5	...	...
...	1.409	+25.693	-3	...	...	...	7.932	-41.467	-5	p	...	...	14.408	+37.218	-4	...	...
75I	+1.451	+11.101	-5	...	...	81I	+7.933	+32.289	-4	...	...	87I	+14.412	-12.410	-5	...	...
...	1.484	-17.416	-2	...	...	...	8.098	-59.729	-4	...	...	...	14.714	+5.931	-5	...	...
...	1.670	+16.035	-3	...	...	...	8.184	-41.472	0.70	...	...	...	14.765	+20.980	0.90	...	...
...	1.701	+24.539	-5	m	...	...	8.204	+55.876	-5	m	...	...	14.820	+17.359	0.75	...	...
N	1.707	+16.186	-3	...	...	*	8.275	+59.479	1.10	50.I0927	10.2	...	14.823	+57.663	-4	...	...
...	+2.205	+39.699	-5	M	...	...	+8.353	-46.093	-2	...	...	...	+14.842	-25.334	-4	...	...
...	2.619	+34.239	-3	...	...	*	8.369	-12.053	1.60	51.I1096	9.4	...	14.869	-41.236	-2	...	...
...	2.632	+9.779	-1	...	...	...	8.383	-30.437	0.65	...	...	*	14.945	-58.439	1.30	52.I1343	9.6
*	2.738	-38.117	1.05	51.I1091	9.4	*	8.423	-44.175	1.80	51.I1097	8.8	...	15.016	+51.277	0.90	...	...
...	3.071	+43.971	-2	...	...	...	8.569	+46.648	-5	m	...	*	15.019	+4.318	1.40	50.I0929	9.6
76I	+3.315	-38.561	1.00	51.I1092	10.4	82I	+8.693	-5.853	-5	...	...	88I	+15.069	+56.036	-3	...	...
...	3.323	-57.835	-5	p	...	...	8.701	-36.673	-5	...	...	...	15.209	-22.425	-5	p	...
...	3.359	+19.229	-5	...	...	...	9.069	-47.315	-5	...	...	*	15.296	+54.346	1.15	50.I0930	10.0
*	3.473	-49.290	1.00	51.I1093	10.6	...	9.134	+40.332	0.70	...	...	...	15.340	-46.639	-5	...	...
...	3.505	+25.658	-5	...	...	...	9.211	+35.009	-4	...	...	...	15.351	+57.306	-5	...	...
...	+3.804	+43.021	0.70	...	...	...	+9.287	-23.827	-2	...	...	...	+15.374	+52.068	-4	...	...
...	3.952	-51.933	-5	...	...	...	9.355	-52.459	-4	...	...	...	15.419	+46.333	-3	...	...
...	4.005	-7.786	-5	...	...	†	9.506	+47.472	0.90	...	...	...	15.522	-34.654	-2	...	...
...	4.059	+18.501	1.00	50.I0925	10.6	...	10.045	+41.191	-3	...	...	...	15.545	-26.609	-4	...	...
...	4.510	-21.951	-4	...	...	...	10.143	-20.170	-3	...	...	...	15.608	-21.904	-5	p	...
77I	+4.552	+51.337	0.90	...	...	83I	+10.145	+11.580	-5	...	...	89I	+15.643	-20.462	-5	p	...
...	4.826	-54.421	-4	...	...	...	10.175	+17.631	-5	...	...	*	15.681	+30.041	1.05	50.I0931	10.6
...	4.862	-25.227	0.90	...	...	...	10.185	-16.965	-5	...	...	...	16.090	-17.056	-5	...	...
...	4.909	-21.338	-4	...	...	...	10.209	-1.775	-1	...	...	...	16.142	+44.173	-2	...	...
...	5.043	+54.142	-4	...	...	...	10.301	+9.651	-5	m	...	...	16.170	-42.062	-4	...	...
...	+5.085	+54.880	0.70	...	...	...	+10.377	-45.723	0.65	...	...	...	+16.327	-48.255	-4	...	...
...	5.218	-46.925	-5	...	...	...	10.491	+36.273	-2	...	...	...	16.389	-12.723	-5	...	...
...	5.415	+53.401	-5	m	...	...	10.653	-49.449	0.70	...	...	...	16.486	+34.319	0.85	...	...
...	5.443	-45.645	0.70	...	...	...	10.741	+23.005	0.90	...	...	...	16.505	+9.018	0.75	...	...
...	5.639	-57.736	-4	...	...	...	10.938	+40.534	0.90	...	...	S *	16.510	+32.409	3.00	50.I0932	7.8

755. Mass. 50° 95, two stars; 50° 96, suspected double.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
901-960						961-1020						1021-1080					
90I	+16.578	+39.762	-5	...	...	96I	+21.909	-27.673	0.90	...	...	102I	+27.439	+38.697	-5	...	...
...	16.633	-32.379	-2	...	...	...	22.161	-53.706	0.85	...	...	...	27.533	+21.166	-5	...	...
...	16.721	+46.228	-2	...	...	...	22.469	-52.011	0.85	...	...	...	27.722	-0.923	-3	...	...
...	16.736	-15.292	-3	...	...	...	22.573	+9.555	-5	...	...	*	27.777	-21.786	1.40	51.III07	9.2
...	16.865	-49.055	-3	...	...	...	22.689	+36.118	-5	...	...	...	27.818	-26.133	-5	p	...
*	+17.072	-5.589	1.00	51.III00	10.4	...	+22.702	-27.735	-5	p	...	†	+27.834	+44.802	-5	m	...
...	17.075	-37.464	-5	p	...	...	22.849	+5.813	-5	...	...	...	27.877	+29.981	0.70	...	...
...	17.381	-5.782	-5	...	...	...	22.962	-22.239	1.00	51.III05	10.6	...	27.962	+1.303	-5	...	...
...	17.446	-54.683	-5	...	...	...	22.980	+47.653	-4	...	...	...	27.987	-39.457	0.75	...	...
...	17.568	-54.108	-5	p	...	...	23.094	+49.961	0.80	...	...	...	28.026	-16.522	-4	...	...
91I	+17.819	-44.700	-4	...	...	97I	+23.146	-28.563	-5	p	...	103I	+28.155	+2.373	-4	...	...
...	17.948	+53.942	-5	m	...	...	23.167	+21.323	-5	...	...	...	28.164	-48.753	0.70	...	...
†	17.980	-15.020	-5	p	...	...	23.208	-40.471	-4	...	...	...	28.165	-4.494	-3	...	...
...	18.064	+46.748	-5	...	...	...	23.238	+0.802	-3	...	...	...	28.205	+6.904	-3	...	...
...	18.165	-51.013	-4	...	...	...	23.468	+5.921	-5	...	...	...	28.205	-26.639	0.90	...	...
...	+18.254	-30.461	-5	p	...	*	+23.564	+33.676	1.00	50.I0935	10.0	...	+28.241	+32.874	-5	...	...
...	18.284	-12.224	-5	p	...	...	23.603	+57.023	0.95	...	...	...	28.286	+24.331	-5	m	...
...	18.566	+13.594	1.00	...	...	...	23.659	+57.832	-2	...	...	...	28.545	-17.198	-1	...	...
*	18.580	-40.970	1.20	51.III01	9.8	*	23.718	-19.387	2.00	51.III06	9.0	...	28.632	-0.737	-5	...	...
...	18.888	+50.602	-5	...	...	...	23.719	+12.887	-3	...	...	...	28.782	-42.454	0.85	...	...
92I	+19.115	+34.789	0.90	...	...	98I	+23.750	+27.516	-4	...	...	104I	+28.802	+53.800	0.70	...	...
...	19.258	+9.369	-5	...	...	...	23.908	+43.024	-5	...	...	...	28.854	+15.587	-3	...	...
...	19.297	-48.811	0.80	...	...	...	24.043	+27.759	-5	...	...	...	28.864	-44.766	0.65	...	...
...	19.363	-17.407	0.65	...	...	N *	24.088	+20.149	1.00	50.I0936	10.4	...	28.894	-34.551	0.70	...	...
...	19.389	+25.059	1.00	50.I0933	10.6	N	24.114	+20.182	-2	...	...	...	28.902	-27.173	-3	...	...
*	+19.395	-1.101	1.00	51.III02	10.6	...	+24.140	-51.304	0.75	...	...	...	+28.962	+51.492	-2	...	...
...	19.457	-34.094	0.70	...	...	*	24.232	+45.296	1.00	50.I0937	9.8	...	28.974	-25.826	-2	...	...
†	19.499	+58.847	1.00	50.I0934	10.4	...	24.392	+54.453	1.00	...	...	...	29.052	+12.979	-5	...	...
†	19.544	-44.045	1.00	51.III03	10.4	...	24.412	+44.993	1.00	50.I0938	10.6	...	29.251	-37.416	-4	...	...
...	19.684	+42.251	-3	...	...	†	24.444	+31.125	2.00	50.I0939	8.9	...	29.330	+32.822	-5	m	...
93I	+19.713	+28.679	0.85	...	...	99I	+24.472	-38.430	-4	...	...	105I	+29.563	+35.125	0.90	50.I0943	10.6
...	19.749	-59.556	-2	...	...	†	24.585	-51.203	-5	...	...	†	29.603	+31.114	2.60	50.I0942	8.6
...	19.753	-45.586	-5	...	...	†	24.594	+13.335	0.80	...	...	...	29.826	+53.493	-5	...	...
...	19.759	-42.246	0.90	...	...	...	24.689	-31.744	-5	...	...	*	29.840	-57.177	1.00	...	...
...	19.785	+41.957	-5	...	...	...	24.758	+20.397	-5	...	...	...	29.951	+40.501	-5	m	...
...	+19.799	+3.546	-1	...	...	...	+24.996	+0.865	1.00	...	...	...	+30.016	+55.571	-4	...	...
...	19.808	+37.363	-5	...	...	...	25.099	-20.828	-5	...	...	...	30.045	-54.835	1.00	...	...
...	20.143	+23.872	-5	...	...	...	25.196	+50.164	-5	...	...	...	30.068	-37.794	-5	...	...
...	20.180	+52.502	-5	...	...	...	25.476	+37.343	-4	...	...	...	30.180	+27.788	-5	...	...
...	20.287	-31.357	0.85	...	...	...	25.946	+46.691	-3	...	...	...	30.504	-41.574	-3	...	...
94I	+20.299	-6.968	-5	...	...	100I	+26.023	-38.580	-4	...	...	106I	+30.528	-32.050	-4	...	...
S *	20.346	-9.604	5.00	51.III04	6.8	...	26.027	-59.677	-4	...	...	...	30.591	+1.552	0.75	...	...
...	20.359	-39.402	-5	...	...	...	26.167	+13.173	-4	...	...	...	30.628	+32.825	0.90	...	...
...	20.367	-33.392	-3	...	...	...	26.169	+52.647	-5	m	...	...	30.633	-2.740	-2	...	...
...	20.474	-2.012	-5	...	...	...	26.210	-58.252	-3	...	...	...	30.664	-59.134	0.95	...	...
...	+20.491	+45.914	-5	...	...	...	+26.327	-7.351	0.70	...	...	...	+30.695	+54.468	-5	m	...
...	20.539	+6.749	-5	...	...	...	26.418	+7.138	-5	m	...	...	30.953	-48.208	-5	...	...
...	20.546	-12.692	0.90	...	...	...	26.420	+27.214	-5	m	...	...	30.980	+26.472	-3	...	...
...	20.577	+2.823	0.95	...	...	...	26.567	-34.142	-2	...	...	...	31.090	+15.938	-5	m	...
...	20.697	-9.504	-5	...	...	...	26.609	-46.919	-5	...	...	...	31.098	+57.565	-5	...	...
95I	+20.711	+26.427	-5	...	...	101I	+26.712	-27.427	-5	...	...	107I	+31.101	+47.290	0.95	...	...
...	20.942	+53.088	0.75	...	...	...	26.818	-58.606	0.90	...	...	...	31.237	-29.817	0.85	...	...
...	21.082	-52.059	0.70	...	...	...	26.874	-34.847	-5	...	...	...	31.307	-28.531	0.70	...	...
...	21.145	-15.936	-5	...	...	...	27.017	-40.871	-4	...	...	...	31.335	+0.472	0.65	...	...
...	21.167	+0.066	-5	m	...	*	27.020	+18.926	1.60	50.I0941	8.9	...	31.354	-13.412	-2	...	...
...	+21.282	-38.944	0.75	...	...	*	+27.021	+49.364	1.00	50.I0940	10.6	...	+31.462	+52.151	0.90	...	...
...	21.341	-41.006	-5	p	...	...	27.052	+3.136	-5	...	...	...	31.877	-10.195	-5	...	...
...	21.585	-0.365	0.95	...	...	...	27.233	+42.861	-4	...	...	...	31.877	-51.541	-5	...	...
...	21.760	+24.189	-5	...	...	...	27.268	+1.189	-4	...	...	...	31.935	-29.722	0.85	...	...
...	21.780	+25.988	-5	m	...	...	27.272	+4.331	-5	...	...	...	32.048	-56.966	-2	...	...

984, 985. 50° 96, mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1081-1140						1141-1200						1201-1260					
I08I	...	...	...	...	...	II4I	...	...	...	...	...	I20I	...	...	...	...	...
...	+32°173	+38°704	-5	...	...	...	+37°644	+6°800	-3	...	...	...	+42°870	-2°567	0.85	...	...
...	32°194	+19°298	-3	...	...	...	37°697	+35°316	-5	...	...	...	43°056	+53°593	-5	...	...
...	32°260	-34°114	0.75	...	...	*	37°743	-55°034	1.00	...	...	...	43°073	-59°664	-2	...	...
...	32°284	+17°294	-5	...	...	...	37°789	+38°256	-2	...	...	...	43°187	+23°168	-3	...	...
...	33°063	-34°827	0.70	...	...	...	37°943	-58°586	-3	...	...	...	43°266	-49°655	-2	...	...
...	+33°072	+49°235	0.90	...	...	...	+37°958	-14°486	-5	<i>p</i>	...	...	+43°277	-41°863	-5	...	...
...	33°338	-35°076	-4	...	...	...	38°106	+31°339	-4	...	...	...	43°344	+9°133	-3	...	...
...	33°490	+23°311	0.65	...	...	...	38°350	+8°992	-5	...	...	...	43°529	-38°233	0.95	...	...
...	33°700	+37°729	0.85	...	...	...	38°542	+56°796	-4	...	...	...	43°676	+25°035	1.00	50.10950	10.6
...	33°702	-46°063	-3	...	...	...	38°556	+45°427	-4	...	...	...	43°701	-26°208	-5	...	...
I09I	...	...	...	...	...	II5I	...	...	...	...	...	I21I	...	...	...	...	...
...	+33°794	+17°395	-2	...	...	...	+38°597	-35°654	-5	...	...	...	+43°795	-8°387	-5	...	...
...	33°948	+50°890	0.95	...	...	...	38°773	+17°280	-5	<i>m</i>	...	*	43°863	+7°187	1.00	50.10951	10.6
...	34°061	+54°912	-5	...	...	...	38°863	+17°388	0.95	...	...	...	43°932	-27°740	-5	...	...
...	34°072	-4°368	-5	...	...	*	38°876	-55°122	1.20	51.IIIIII	9.8	...	43°941	-28°400	-5	...	...
*	34°294	+31°568	1.00	50.10944	10.0	...	38°951	-59°301	-4	...	...	...	43°988	-8°547	-5	...	...
...	+34°314	+3°097	-5	...	...	...	+39°094	+7°379	-5	...	...	...	+44°040	-58°571	-5	...	...
...	34°391	+53°387	-5	...	...	...	39°150	+50°005	0.65	...	...	...	44°151	-26°257	0.90	...	...
...	34°391	-8°182	-2	...	...	...	39°157	-7°736	-4	...	...	...	44°205	-46°503	0.80	...	...
†	34°464	-6°206	-2	...	...	...	39°270	-27°398	-5	<i>p</i>	...	...	44°243	-55°510	-5	...	...
...	34°589	-25°220	-5	<i>p</i>	...	...	39°283	+43°905	-2	...	...	...	44°267	+27°838	-2	...	...
II0I	...	...	...	...	...	II6I	...	...	...	...	...	I22I	...	...	...	...	...
*	+34°644	-28°723	1.00	...	...	†	+39°447	-39°188	0.90	...	...	...	+44°376	+21°747	-5	...	...
*	34°887	-47°083	1.20	51.III108	10.2	†	39°530	+3°787	0.95	50.10948	10.6	†	44°469	+25°024	1.15	50.10952	9.8
...	34°953	+16°241	-5	<i>m</i>	...	...	39°584	-56°422	-5	...	...	...	44°619	+43°726	-5	<i>m</i>	...
...	35°041	-33°106	-4	...	...	...	39°603	-13°796	-5	<i>p</i>	...	...	44°620	+49°447	-3	...	...
...	35°248	+45°527	-2	...	...	*	39°622	-41°005	0.95	...	...	...	44°670	+21°103	-4	...	...
...	+35°259	+48°191	-1	...	...	...	+39°677	-5°550	-5	<i>p</i>	...	...	+44°745	+5°789	-3	...	...
...	35°346	+6°688	-5	...	...	...	39°836	+22°157	-5	...	...	...	44°802	-10°210	0.70	...	...
...	35°419	-47°623	0.85	...	...	*	40°181	+37°983	1.20	50.10949	9.6	S *	44°907	-34°441	3.40	51.III113	7.4
...	35°445	-43°024	0.65	...	...	...	40°204	-12°814	0.70	...	...	†	45°157	+49°791	-3	...	...
...	35°465	-7°244	-5	...	...	...	40°224	+9°370	-5	<i>m</i>	...	...	45°256	-31°935	-5	...	...
III	...	...	...	...	...	II7I	...	...	...	...	...	I23I	...	...	...	...	...
*	+35°649	+0°291	0.90	...	...	...	+40°230	+24°509	-5	...	...	*	+45°325	+17°965	1.15	50.10953	10.0
...	35°727	+34°343	-5	<i>m</i>	...	...	40°251	-50°430	-5	...	...	...	45°449	-50°680	0.70	...	...
...	35°987	-22°388	0.75	...	...	...	40°391	-24°717	0.70	...	...	...	45°596	+2°277	-5	<i>m</i>	...
*	36°021	-11°667	2.10	51.III109	8.6	...	40°446	-22°753	0.75	...	...	...	45°930	-36°310	-5	...	...
...	36°031	+19°341	-2	...	...	...	40°586	+12°495	-4	...	...	...	45°939	-45°046	-5	...	...
...	+36°035	-17°808	-2	...	...	...	+40°626	+14°468	-3	...	...	...	+45°971	-15°639	-4	...	...
*	36°194	+38°183	1.00	50.10945	10.2	...	40°667	-12°178	-5	...	...	...	46°033	+21°827	0.90	...	...
*	36°282	+20°591	1.20	50.10946	9.8	...	40°670	-29°372	-4	...	...	...	46°217	+6°989	-4	...	...
...	36°385	-50°431	0.65	...	...	...	40°734	-58°853	-5	...	...	...	46°322	+12°158	-3	...	...
...	36°431	+15°214	-4	...	...	...	41°096	+19°464	-2	...	...	...	46°396	-45°024	-5	...	...
II2I	...	...	...	...	...	II8I	...	...	...	...	...	I24I	...	...	...	...	...
...	+36°458	+30°264	-4	...	...	...	+41°121	+27°599	-5	...	...	...	+46°444	+42°158	0.80	...	...
...	36°561	-28°243	0.85	...	...	...	41°307	-2°018	0.90	...	...	...	46°683	-59°092	-2	...	...
...	36°642	-33°847	-3	...	...	...	41°364	-16°371	-4	...	...	...	46°855	-43°794	-5	...	...
...	36°643	+30°412	0.65	...	...	†	41°469	-25°002	1.00	51.III112	9.8	...	46°864	+3°808	-3	...	...
...	36°650	-32°869	-5	...	...	...	41°471	+0°047	-3	...	...	...	46°877	-21°388	-4	...	...
...	+36°677	+38°846	-2	...	...	*	+41°624	-59°126	1.20	52.II357	10.0	...	+46°925	+51°250	1.00	...	...
...	36°691	+31°597	-5	<i>m</i>	...	...	41°665	+10°429	-2	...	...	...	47°079	+44°772	-4	...	...
...	36°736	+34°526	-2	...	...	...	41°713	-37°160	-2	...	...	...	47°124	-42°884	-3	...	...
...	37°058	-8°469	-4	...	...	...	41°760	-49°674	0.90	...	...	...	47°197	-4°567	-3	...	...
...	37°083	+46°193	-5	...	...	...	41°772	-22°971	-3	...	...	...	47°320	+51°003	-3	...	...
II3I	...	...	...	...	...	II9I	...	...	...	...	...	I25I	...	...	...	...	...
*	+37°230	-21°737	1.00	51.III110	10.2	...	+41°841	+38°285	-5	<i>m</i>	...	...	+47°407	+19°826	-5	<i>m</i>	...
*	37°244	+35°761	1.20	50.10947	9.8	...	41°852	-18°197	-4	...	...	...	47°426	-39°136	-5	...	...
...	37°276	+12°844	-3	...	...	...	42°067	-42°207	-5	...	...	...	47°430	+17°289	-4	...	...
...	37°279	-39°754	-5	...	...	...	42°138	+23°222	-5	...	...	...	47°648	-58°319	-4	...	...
...	37°285	+50°079	-5	...	...	...	42°263	+53°207	1.00	...	...	...	47°712	-32°291	-5	<i>p</i>	...
...	+37°385	+42°388	-3	...	...	...	+42°490	+5°578	0.70	...	...	...	+47°778	+25°650	0.90	...	...
...	37°401	-40°327	0.85	...	...	...	42°524	+51°651	-1	...	...	...	47°828	+28°746	0.65	...	...
...	37°479	+22°921	-5	...	...	...	42°619	+55°469	-5	<i>m</i>	...	...	47°839	+36°804	-4	...	...
...	37°505	+9°201	-5	...	...	...	42°748	-13°145	-5	...	...	...	47°872	+28°156	0.65	...	...
...	37°547	+34°422	-3	...	...	...	42°857	-6°274	-5	...	...	...	47°879	+2°792	0.85	...	...

Notes.	Co-ordinates.		Diam. 0.65	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65	C.P.D.		Notes.	Co-ordinates.		Diam. 0.65	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1261-1300						1301-1340						1341-1379					
I26I	+47.958	-25.752	-3	...	...	I30I	+51.976	-13.163	-5	...	...	I34I	+56.277	+29.547	-5	...	...
...	48.004	-50.335	1.00	...	...	...	52.136	-12.672	-5	...	...	...	56.515	-13.923	-5	p	...
...	48.083	+2.948	-4	...	...	...	52.199	-16.551	-5	...	...	...	56.610	+8.813	0.70	...	...
...	48.348	+57.919	-5	...	...	...	52.329	+18.314	0.80	...	...	e *	56.629	-35.912	1.10	51.III20	10.4
...	48.434	-42.888	-3	...	...	...	52.459	-4.213	-5	...	...	...	56.890	-44.811	-4	e	...
...	+48.659	-50.383	-1	...	...	...	+52.648	-0.535	-5	...	...	...	+57.008	+39.273	-5	...	...
...	48.685	-46.614	1.00	...	...	...	53.053	+55.296	-5	...	...	...	57.227	+1.741	0.80	...	...
...	48.779	-13.916	-5	...	...	...	53.307	-57.932	-5	e	...	...	57.300	-45.719	0.95	e	...
...	48.870	+53.677	-3	...	...	*	53.410	+18.475	1.00	50.I0960	10.4	...	57.350	-16.401	-5	p	...
...	48.978	-23.845	-5	...	...	...	53.537	+45.413	-5	m	...	...	57.376	+37.326	-5	...	...
I27I	+49.318	+33.605	1.40	50.I0954	9.2	I31I	+53.589	-0.120	1.80	51.III16	8.6	I35I	+57.409	-11.233	-4	e	...
...	49.320	-25.089	-3	...	...	S f †	53.671	-3.747	0.95	51.III17	10.6	...	57.432	+34.995	-5	e	...
...	49.349	-56.010	0.65	...	...	e	53.722	-31.446	-5	p	...	...	57.465	-23.627	0.80	e	...
†	49.482	+45.331	-5	...	...	e	53.974	-19.862	0.95	51.III18	10.6	...	57.481	-4.287	-4	e	...
*	49.558	-38.559	1.20	51.III14	9.8	...	54.318	+23.922	-5	...	...	...	57.519	+57.432	-5	...	...
S †	+49.642	+31.155	3.90	50.I0955	6.2	†	+54.365	+58.717	-3	...	...	...	+57.570	-36.580	-5	p	...
...	49.663	-41.247	-4	...	...	†	54.414	-22.929	0.80	e	...	...	57.609	+47.580	-5	e	...
...	49.777	-10.271	-2	...	...	...	54.711	+39.944	-5	m	...	...	57.684	+42.048	-5	e	...
...	49.829	-37.722	-1	...	...	...	54.743	-31.677	-5	...	...	...	57.944	+29.133	0.80	...	...
...	49.915	-56.383	-2	...	...	...	54.757	-9.721	-5	e	...	...	58.001	+28.688	-5	...	...
I28I	+49.986	-39.647	1.20	51.III15	9.4	I32I	+54.759	+32.160	1.10	50.I0961	10.2	I36I	+58.160	+1.867	-5	m	...
*	50.033	-31.654	0.95	...	...	*	54.761	+34.679	-5	m	...	...	58.165	+38.748	-3	...	...
*	50.040	+44.763	1.45	50.I0956	9.2	...	55.026	+43.629	-3	...	...	...	58.185	+50.058	-5	...	...
...	50.096	-17.156	0.90	...	...	...	55.056	-8.138	-5	...	...	*	58.256	+58.202	1.15	50.I0963	10.2
*	50.181	+22.241	1.00	50.I0957	10.6	...	55.200	-9.899	-3	e	...	...	58.363	-47.627	-5	e	...
...	+50.346	+48.130	-5	...	...	...	+55.304	-52.117	1.00	e	...	...	+58.363	+33.809	-4	...	...
*	50.367	+28.585	1.00	50.I0958	10.6	...	55.331	-59.679	-5	e	...	...	58.528	-55.094	-1	e	...
...	50.682	-45.716	-3	...	...	...	55.334	+0.902	-5	e	...	...	58.592	+1.626	-4	...	...
...	50.889	+33.940	-5	...	...	...	55.395	-30.677	-4	e	...	...	58.647	+8.788	0.70	...	...
...	51.092	+38.880	-5	...	...	*	55.412	+6.716	1.15	50.I0962	10.0	e *	58.738	-37.435	1.30	51.III21	10.0
I29I	+51.212	+1.155	-3	...	...	I33I	+55.458	-37.318	0.65	e	...	I37I	+58.745	-31.555	-1	e	...
†	51.367	-9.954	0.80	...	...	...	55.467	+15.395	0.80	...	...	†	58.942	-34.909	-5	e	...
...	51.547	-19.111	0.75	...	...	...	55.561	-57.303	1.00	e	...	...	58.999	-1.637	-1	e	...
...	51.591	-30.420	-5	...	...	...	55.880	-43.639	0.70	e	...	...	59.020	+45.750	-5	e	...
†	51.594	-34.868	0.65	...	...	...	55.885	+20.831	-4	...	...	...	59.025	-58.514	-1	e	...
*	+51.608	+40.173	1.05	50.I0959	10.0	...	+55.900	-25.265	-4	e	...	...	+59.152	-26.453	0.85	e	...
...	51.638	+10.219	-3	...	...	e *	55.907	-20.917	1.20	51.III19	9.6	...	59.229	+11.818	-1	...	...
...	51.711	+34.398	-5	...	...	...	55.965	+26.925	-2	...	...	...	59.329	+38.904	-5	...	...
...	51.819	-47.323	1.00	e	...	...	56.135	-12.306	0.65	e	...	...	59.337	-8.623	-5	e	...
...	51.824	-25.240	-5	...	...	...	56.210	-30.620	-5	e	...	...					

1-10						11-20						21-30					
I	-59.860	+32.044	1.00	50.I0961	10.2	II	-58.173	+6.666	1.15	50.I0962	10.0	2I	-57.481	+37.330	-5	...	...
S F †	59.722	-0.235	2.10	51.III16	8.6	*	58.170	-9.778	-5	E	...	...	57.454	+58.215	1.40	50.I0963	10.2
...	59.720	-3.474	-5	...	...	†	58.165	+57.435	-5	...	...	...	57.364	+42.047	-5	E	...
...	59.556	-47.474	1.00	p	...	...	58.130	-24.513	5	p	...	...	57.304	+34.983	-5	E	...
E	59.494	-3.848	1.00	E	...	...	58.030	+0.849	-5	E	...	...	57.068	+8.801	0.80	...	...
E *	-58.531	-19.946	1.00	51.III17	10.6	...	-57.960	-23.005	0.95	E	...	...	-56.741	+38.764	3	...	...
...	58.477	+15.326	0.90	...	...	...	57.931	+39.266	-5	...	...	...	56.672	-12.309	3	E	...
...	58.441	+26.860	-3	...	...	...	57.715	-9.945	-3	E	...	...	56.666	-30.692	5	E	...
...	58.284	+20.787	-5	...	...	...	57.665	+47.556	-1	E	...	...	56.571	+29.156	0.80	...	...
...	58.263	+29.502	-5	...	...	...	57.634	-58.011	-5	E	...	E *	56.557	-20.926	1.40	51.III19	9.6

L measured from 1, 97, 194, 275, 352, 443, 533, 610, 688, 785, 868, 958.

C " " 49, 134, 231, 312, 392, 478, 570, 647, 725, 829, 907, 995.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	z.	y.		No.	Mag.		z.	y.		No.	Mag.		z.	y.		No.	Mag.
31-90						91-150						151-210					
3I	-56°514	+28°710	-5	...	...	9I	-50°625	+37°139	-3	...	...	15I	-43°589	-23°868	-3	...	...
...	56°379	25°280	-5	E	...	...	50°613	-22°149	-5	...	...	...	43°374	35°587	-5	...	...
...	56°337	+33°849	-3	...	...	...	50°598	+21°513	-4	...	...	+	43°358	+50°034	1°00	...	...
...	56°326	-37°336	-3	E	...	...	50°444	+2°134	-5	...	...	*	43°195	-16°844	1°15	5I.III30	9·8
...	56°157	+1°763	0°90	...	...	...	50°420	-20°839	-3	...	...	*	43°167	+22°820	1°00	50.I0972	10·2
...	-56°144	+45°790	-5	E	...	...	-49°992	+0°276	-2	...	...	...	-43°113	16°297	-4	...	...
...	55°875	52°112	-1	E	...	†	49°899	15°092	-4	...	...	...	43°086	+54°578	-2	...	...
...	55°848	30°614	-5	E	...	...	49°699	24°946	-5	p	...	*	42°907	-46°916	1°60	5I.III29	9·0
...	55°656	+4°241	-5	E	...	*	49°630	-36°247	1°15	5I.III23	9·8	...	42°803	-43°988	-2	...	...
...	55°640	-43°630	-2	E	...	...	49°472	-31°994	0°85	...	...	...	42°760	+14°203	-5	...	...
4I	...	...	...	...	...	10I	...	...	...	...	...	16I	...	...	...	...	...
†	-55°552	-59°674	-5	E	...	...	-49°290	-36°312	0°85	...	...	...	-42°746	-33°890	-5	...	...
...	55°443	-11°182	-5	E	...	*	49°288	+0°348	2°00	5I.III24	9·0	...	42°707	-9°923	-4	...	...
...	55°408	-57°299	-1	E	...	...	49°173	-11°055	-4	...	...	...	42°677	-59°192	0°90	...	...
...	55°363	+46°827	1°10	50.I0964	10·6	...	49°145	25°318	-5	...	...	...	42°620	-44°081	0°75	...	...
E *	55°215	-35°873	1°00	5I.III20	10·4	...	49°009	+56°591	-2	...	...	*	42°465	-16°255	1°05	5I.III31	10·0
*	-55°101	+52°724	1°35	50.I0965	10·0	...	-48°928	+8°173	-5	...	...	...	-42°454	-36°694	-4	...	...
...	55°031	+8°863	0°75	...	...	...	48°919	+50°762	-1	...	...	...	42°447	-4°589	-4	...	...
†	54°893	-23°571	-2	E	...	...	48°886	-11°708	-5	p	...	...	42°385	+4°829	-5	...	...
...	54°808	+1°715	-5	...	...	†	48°159	-34°791	0°80	...	...	...	42°379	+47°883	-4	...	...
†	54°616	-44°760	-4	E	...	...	47°987	+3°014	0°75	...	...	...	42°020	+30°580	0°70	...	...
5I	...	...	...	...	...	11I	...	...	...	...	...	17I	...	...	...	...	...
...	-54°573	+11°923	0°65	...	...	...	-47°982	+31°097	-3	...	...	...	-41°552	+54°888	-5	...	...
...	54°260	-1°535	-2	E	...	...	47°979	-30°056	-5	...	...	...	41°509	-52°642	-1	...	...
...	54°228	+41°148	-4	...	...	...	47°849	+41°415	-3	...	...	...	41°507	-14°320	-5	...	...
...	54°158	-45°650	0°95	E	...	...	47°704	+17°233	0°90	...	...	...	41°484	-16°725	-5	...	...
*	53°709	+41°714	1°20	50.I0966	10·2	...	47°666	-2°008	-5	...	...	...	41°432	+22°711	-5	...	...
...	-53°696	+28°251	-4	...	...	*	-47°603	-7°617	1°00	5I.III25	10·6	*	-41°054	+38°595	1°50	50.I0973	9·2
...	53°621	-8°507	-5	E	...	...	47°447	+31°409	0°95	...	...	*	40°977	-42°950	1°20	5I.III32	10·0
...	53°606	-2°971	-4	...	...	...	47°304	+20°703	-4	...	...	*	40°955	+43°838	1°20	50.I0974	10·0
...	53°550	+33°584	-5	...	...	...	47°220	-55°799	-5	p	...	...	40°907	-58°896	-4	...	...
...	53°507	+0°935	-4	...	...	...	47°192	+21°325	-5	...	...	...	40°891	-14°154	-5	p	...
6I	...	...	...	...	...	12I	...	...	...	...	...	18I	...	...	...	...	...
...	-53°282	-31°434	-3	E	...	...	-47°172	-49°619	-5	...	...	...	-40°783	+13°012	-4	...	...
...	53°096	26°319	0°70	E	...	...	46°298	+54°175	1°05	...	...	*	40°762	-22°139	1°00	5I.III33	10·2
E *	53°064	37°314	1°20	5I.III21	10·0	...	46°165	+25°188	-5	...	...	...	40°721	+17°785	-4	...	...
...	53°006	47°506	-5	E	...	...	46°063	+28°856	-3	...	...	...	40°709	+38°146	-5	B	...
†	52°957	34°770	-5	E	...	...	46°057	+39°271	0°90	...	...	...	40°672	-50°034	-5	...	...
F *	-52°692	0°427	1°70	5I.III22	9·0	...	-46°041	-28°352	-5	...	...	...	-40°657	-22°280	0°75	...	...
...	52°618	-21°662	0°80	...	...	...	45°834	-10°500	-5	...	...	...	40°634	-28°981	-5	...	...
...	52°574	+31°448	-5	A	...	...	45°793	-55°394	-3	...	...	...	40°633	+48°333	-4	...	...
...	52°548	54°960	0°65	E	...	...	45°730	-38°825	-5	...	...	...	40°631	+50°219	-2	...	...
...	52°496	+6°558	0°80	...	...	...	45°488	-33°740	-5	...	...	...	40°590	+37°552	-5	...	...
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
...	-52°401	-16°865	-4	...	...	...	-45°276	-50°343	-5	...	...	...	-40°519	+57°709	-5	...	...
*	52°236	+50°418	1°20	50.I0969	10·6	...	45°215	+36°007	-5	...	...	...	40°207	-30°594	-1	...	...
...	52°072	35°958	-5	...	...	*	45°084	+58°047	1°20	50.I0971	10·0	S *	40°172	-38°493	1°35	5I.III34	9·4
...	52°070	-7°640	-4	...	...	†	44°880	+42°978	1°10	50.I0970	10·6	...	39°336	-21°778	-5	...	...
*	52°059	+13°814	1°00	50.I0967	10·6	*	44°687	-3°012	2°00	5I.III26	9·0	...	38°862	-33°069	-4	...	...
...	-52°018	-35°695	-5	p	...	...	-44°629	+17°838	-5	...	...	*	-38°808	+6°934	1°00	50.I0975	10·6
...	51°957	-20°499	-5	...	...	...	44°537	+40°441	0°75	...	...	...	38°775	-19°038	-5	...	...
...	51°915	-58°346	0°65	E	...	...	44°506	+47°927	1°05	...	...	...	38°621	+43°184	1°00	...	...
...	51°885	+51°032	-5	...	...	...	44°471	+17°979	-5	...	...	*	38°552	+3°415	2°20	50.I0976	8·8
...	51°727	-49°865	-5	p	...	*	44°376	16°771	1°00	5I.III27	10·6	...	38°345	+38°373	-1	...	...
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
...	-51°587	+29°986	-5	...	...	...	-44°358	+41°979	-4	...	...	...	-38°267	-47°113	-3	...	...
...	51°534	-42°575	-1	...	...	...	44°353	-18°433	0°95	5I.III28	10·6	...	38°230	+51°369	-5	...	...
...	51°493	-34°200	-5	...	...	...	44°239	+58°082	-5	...	...	...	38°201	+55°356	1°00	...	...
*	51°451	+13°800	1°00	50.I0968	10·6	...	44°132	+32°425	0°70	...	...	...	38°146	-21°251	-5	...	...
...	51°415	+26°090	0°65	...	...	...	44°130	-8°568	0°80	...	...	...	38°072	-39°659	-4	...	...
...	-51°288	+56°202	-3	...	...	...	-44°049	-42°195	-4	...	...	...	-37°859	-20°286	0°85	...	...
...	51°221	-31°466	-3	...	...	...	43°919	-28°479	0°70	...	...	...	37°696	+17°188	-5	...	...
...	50°944	+53°839	-5	...	...	*	43°891	+7°471	1°00	...	...	...	37°686	+54°897	-5	...	...
†	50°836	-4°907	-2	...	...	...	43°728	-15°562	-4	...	...	*	37°663	-12°539	1°00	5I.III35	10·0
...	50°629	-24°551	-2	...	...	†	43°717	+29°992	0°70	...	...	...	37°528	+46°262	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
211-270						271-330						331-390					
21I	-37.474	-4.573	-3	...	...	27I	-30.274	+59.738	-4	...	...	33I	-22.153	+2.209	1.20	5I.III42	9.8
...	37.306	-52.638	-5	...	...	...	30.101	+6.046	-3	...	...	...	22.146	+21.786	-3	...	...
†	37.042	-19.749	-5	...	...	...	30.093	+38.394	0.70	...	...	...	21.822	+13.787	1.00	50.I0986	10.6
...	36.861	+46.971	-4	...	...	...	30.022	+50.209	-5	M	...	...	21.809	+16.087	-3	...	...
...	36.584	+54.123	-3	...	...	...	29.731	+38.499	-3	...	...	...	21.651	-2.060	0.90	...	...
...	-36.567	-36.443	0.90	...	...	*	-29.535	+0.028	1.25	5I.III39	9.6	...	-21.452	-38.021	-4	...	...
...	36.442	+20.173	-4	...	...	...	29.386	-20.067	-5	...	...	...	21.428	+27.252	-4	...	...
...	36.439	+1.080	0.80	...	...	*	29.350	-16.991	1.10	5I.III38	10.0	†	21.193	+15.124	-3	...	...
...	36.352	+36.554	1.00	...	...	...	29.255	+21.199	-2	...	...	...	21.181	-47.938	0.80	...	...
...	36.329	+51.741	-5	...	...	...	29.160	+17.957	-5	...	...	...	21.028	-37.049	-4	...	...
22I	-36.011	+19.158	-2	...	...	28I	-29.125	-47.733	-4	...	...	34I	-21.026	-19.576	-3	...	...
...	35.958	-44.125	-5	...	...	...	29.084	-2.239	-4	...	...	...	20.715	-52.451	-3	...	...
...	35.752	-57.870	-5	...	...	...	29.043	-49.017	-5	...	...	...	20.705	+24.609	-5	...	...
...	35.750	+36.752	0.90	...	...	...	28.923	-22.446	-5	...	...	...	20.663	+43.332	-5	M	...
...	35.706	-27.232	-4	...	...	*	28.790	+37.994	1.00	50.I0981	10.6	...	20.493	-19.748	-5	...	...
...	-35.471	+23.932	-3	...	...	...	-28.617	-13.564	-5	...	...	...	-20.483	+33.150	-4	...	...
...	35.436	+49.834	-2	...	...	...	28.586	+45.918	-5	...	...	*	20.469	-47.883	1.60	5I.III43	9.2
...	35.237	-20.476	0.70	...	...	*	28.462	+30.972	2.00	50.I0980	9.0	...	20.304	-38.365	-5	...	...
...	35.195	+47.613	-5	...	...	...	28.308	-44.510	0.70	...	...	...	20.271	-23.598	-5	...	...
†	35.034	+52.844	3.00	50.I0977	8.0	...	28.232	+2.145	-5	...	...	...	20.118	+0.758	-5	...	...
23I	-34.853	-11.911	-5	...	...	29I	-28.166	+39.228	-1	...	...	35I	-20.115	-27.212	-5	p	...
*	34.831	-5.890	1.15	5I.III36	10.2	...	27.586	-28.392	0.90	...	...	...	19.740	-47.870	-5	...	...
...	34.751	+3.051	0.90	...	...	...	27.460	-13.297	-4	...	...	...	19.371	-26.031	-5	p	...
...	34.660	+4.102	0.70	...	...	*	27.304	+29.824	2.10	50.I0982	8.7	...	19.356	-27.109	-5	...	...
...	34.651	-7.013	-5	...	...	...	27.145	-36.421	1.00	...	...	...	19.223	-5.631	-5	...	...
...	-34.631	+11.389	-4	...	...	...	-27.110	+9.346	-5	...	...	...	-19.113	+20.362	-4	...	...
...	34.365	+36.784	0.75	...	...	...	26.966	+45.197	-3	...	...	...	19.048	-36.826	-5	p	...
...	34.234	-41.873	-4	...	...	...	26.790	-21.731	-5	...	...	...	19.042	+11.585	0.90	...	...
...	34.226	+3.831	0.90	...	...	...	26.399	+29.272	-2	...	...	...	18.953	+31.153	-5	...	...
...	33.884	+13.270	-5	...	...	...	26.215	-38.405	0.95	...	...	...	18.683	-15.902	-3	...	...
24I	-33.826	+37.411	-4	...	...	30I	-26.206	-38.127	-4	...	...	36I	-18.639	+17.018	0.90	...	...
*	33.671	-23.801	1.00	5I.III37	10.2	...	26.014	-9.064	-3	...	...	...	18.532	+41.457	0.95	...	...
...	33.390	-12.159	-4	...	...	...	26.011	+16.239	-5	M	...	...	18.515	-17.060	1.00	...	...
...	33.374	-10.603	-2	...	...	...	25.958	-5.090	-3	...	...	...	18.492	+25.477	-5	...	...
...	33.175	+59.472	-1	...	...	...	25.777	+55.237	-5	M	...	...	18.388	-42.230	-5	...	...
...	-33.100	+38.608	-5	...	...	...	-25.766	+51.980	-5	...	...	...	-18.377	-2.441	-5	...	...
...	33.062	-34.468	-5	...	...	...	25.704	+8.520	-5	...	...	...	18.301	-28.878	-5	...	...
*	33.030	+28.737	1.00	50.I0978	10.4	...	25.681	+50.828	-3	...	...	...	18.123	-51.172	1.00	...	...
...	32.956	-52.867	-5	...	...	...	25.587	+52.196	-4	...	...	...	18.078	+12.720	-5	...	...
...	32.952	-3.439	-5	...	...	*	25.439	+42.966	1.00	50.I0983	10.4	...	17.592	-23.716	-5	...	...
25I	-32.888	+54.341	-3	...	...	31I	-25.422	-18.778	0.95	...	...	37I	-17.551	-38.036	-5	p	...
...	32.814	+20.636	-5	...	...	...	24.593	+31.183	-4	...	...	...	17.330	-20.191	-3	...	...
...	32.790	-14.992	-4	...	...	...	24.154	-33.055	0.90	...	...	*	17.052	-27.066	1.05	5I.III44	9.8
...	32.642	+53.908	-4	A	...	...	23.813	-53.768	-5	...	...	...	16.785	-37.844	-5	p	...
...	32.463	+23.843	0.70	...	...	...	23.793	-51.274	-3	...	...	...	16.730	-12.539	-5	p	...
...	-31.623	-8.994	-5	...	...	...	-23.580	-2.036	-3	...	...	*	-16.417	-54.404	1.00	5I.III45	10.6
...	31.363	+40.192	-2	...	...	*	23.357	+43.777	1.15	50.I0985	10.0	...	16.284	+51.395	0.90	...	...
...	31.355	+31.371	-5	...	...	...	23.311	-30.323	-3	...	...	...	16.236	+2.831	-5	M	...
*	31.263	+14.637	1.00	...	...	...	23.305	-15.538	0.80	...	...	*	16.164	-53.186	1.10	5I.III46	10.2
...	31.178	-7.707	-3	...	...	...	23.075	-59.264	0.70	...	...	†	16.076	+25.101	0.90	...	...
26I	-31.170	+37.980	-4	...	...	32I	-23.041	+54.538	-4	...	...	38I	-16.038	+30.332	-5	...	...
...	31.127	+58.803	-5	...	...	...	23.014	+19.210	-5	...	...	...	15.912	+11.106	1.00	50.I0987	10.6
S *	31.109	+22.119	2.80	50.I0979	8.6	...	22.991	-51.636	0.70	...	...	...	15.854	+13.620	-4	...	...
...	30.988	+40.363	-5	...	...	...	22.932	+46.021	-3	...	...	...	15.774	+37.528	-2	...	...
...	30.861	+29.947	-5	...	...	...	22.787	+55.283	-5	...	...	...	15.686	+27.352	-2	...	...
...	-30.796	+56.931	-5	...	...	...	-22.596	+13.015	-5	...	...	+	-15.592	-40.680	1.00	5I.III47	10.6
...	30.769	+44.306	-5	...	...	*	22.478	-43.695	1.00	5I.III40	10.6	...	15.540	+22.691	-1	...	...
...	30.750	-9.179	-5	...	...	...	22.434	-42.551	-3	...	...	...	15.391	-37.333	0.95	...	...
...	30.536	+15.806	-4	...	...	...	22.404	+34.236	-3	...	...	*	15.201	+35.575	2.10	50.I0988	8.6
...	30.484	-22.788	-5	...	...	*	22.109	-36.398	1.00	5I.III41	10.6	...	15.124	+35.936	0.90	...	...

Co-ordinates.						Diam.	C.P.D.			Co-ordinates.						Diam.	C.P.D.		
Notes.	x.	y.	0.70.	No.	Mag.	Notes.	x.	y.	0.70.	No.	Mag.	Notes.	x.	y.	0.70.	No.	Mag.		
391-450						451-510						511-570							
39I	-15.017	+34.254	-2	...	...	45I	-8.402	-1.485	1.00	51.III56	10.0	51I	-1.952	-37.313	0.70	...	...		
†	14.955	-10.666	-5	...	...	...	8.280	-41.784	-5	...	...	...	1.939	-43.536	-2	...	...		
...	14.921	-9.665	-5	...	...	...	7.966	+26.895	-5	...	...	...	1.898	-34.856	-5	p	...		
...	14.784	+44.771	0.75	...	...	*	7.880	+57.929	1.20	50.I0996	9.8	...	1.878	-45.209	-5	p	...		
...	14.553	-37.375	-5	...	...	...	7.601	-51.782	-3	...	...	S *	1.772	+1.608	3.35	51.III61	8.0		
...	-14.458	-1.319	-5	...	...	...	-7.577	+16.164	0.90	...	...	...	-1.737	+26.388	-5	...	...		
*	14.386	-58.530	2.50	52.II382	8.2	...	7.333	+38.532	0.80	...	...	...	1.643	-51.394	-4	...	...		
...	14.361	-45.466	-5	p	...	...	7.082	-2.547	-5	...	...	...	1.489	+55.614	1.00	...	...		
...	14.336	+31.577	-2	...	...	...	6.603	+23.033	-5	...	...	...	1.289	-51.998	-5	...	...		
...	14.315	+11.903	-5	...	...	...	6.566	-19.107	-4	...	...	...	1.165	-55.440	-5	...	...		
40I	-14.128	-2.183	1.60	51.III49	9.0	46I	-6.534	+53.893	-5	...	...	52I	-1.068	-17.117	-5	p	...		
*	14.110	-56.757	0.80	...	...	S *	6.522	+55.914	2.45	50.I0997	8.4	...	1.017	+41.433	-2	...	...		
...	13.980	+15.652	-5	...	...	...	6.505	-12.994	1.05	51.III57	10.2	...	0.845	+10.923	1.05	50.II002	10.4		
...	13.928	-28.997	0.95	...	...	...	6.336	+45.279	1.00	...	...	...	0.728	+14.497	-3	...	...		
*	13.888	-30.852	1.00	51.III48	10.4	...	6.263	-55.598	0.90	...	...	...	0.610	-35.841	-5	...	...		
...	-13.756	-58.258	0.90	...	...	...	-6.255	-48.387	-5	...	...	...	-0.607	+11.803	-3	...	...		
...	13.745	+51.143	-4	...	...	...	6.170	+32.359	-5	...	...	...	0.298	+24.934	-3	...	...		
...	13.728	+2.051	-5	...	...	...	6.068	+29.600	0.80	...	...	...	0.280	-59.516	1.00	52.II389	10.6		
...	13.717	-55.173	-5	...	...	...	5.991	+47.404	0.90	...	...	...	0.255	-7.178	-5	...	...		
...	13.537	+41.549	0.85	...	...	...	5.837	-42.355	-5	...	...	...	0.241	-25.528	-3	...	...		
41I	-13.531	-41.168	1.40	51.III50	9.4	47I	-5.678	+47.880	0.95	...	...	53I	-0.188	-43.645	-4	...	...		
...	13.426	+46.585	-1	...	...	...	5.610	+33.436	0.85	...	...	†	-0.049	-57.582	0.65	...	...		
...	13.419	+2.082	-5	...	...	...	5.534	-54.013	-5	...	...	†	+0.048	+11.599	-5	...	...		
*	13.263	-58.158	3.00	52.II383	7.6	...	5.427	+43.114	-5	...	...	...	0.063	-36.764	-4	...	...		
*	13.148	+55.835	1.40	50.I0989	9.6	*	5.358	+43.184	1.25	50.I0998	9.6	...	0.136	+52.871	-3	...	...		
...	-13.138	+11.598	-5	...	...	...	-5.333	+24.731	0.85	...	...	...	+0.204	-36.284	-5	p	...		
†	12.817	-44.712	0.80	51.III51	10.6	†	5.017	+42.527	0.85	...	...	...	0.608	-36.623	-5	...	...		
...	12.811	-18.481	-5	p	...	...	4.990	+56.799	-5	...	...	...	0.631	-54.582	-5	...	...		
...	12.802	-41.178	-4	...	...	...	4.704	+19.535	-5	M	...	...	0.631	+20.275	-2	...	...		
...	12.714	+17.777	-4	...	...	...	4.590	+10.488	-4	...	...	...	0.823	-45.007	-5	...	...		
42I	-12.648	-2.325	-5	p	...	48I	-4.550	+52.487	-5	...	...	54I	+0.842	-16.115	1.00	...	...		
...	12.618	+21.460	-5	...	...	*	4.515	+53.558	2.10	50.I0999	8.9	...	1.330	+31.905	-5	...	...		
*	12.601	+41.365	1.10	50.I0991	10.2	...	4.494	-29.621	0.90	51.III58	10.6	...	1.509	+44.155	-5	...	...		
...	12.556	-12.074	-5	p	...	...	4.337	-6.938	-5	p	...	...	1.546	-33.159	-5	...	...		
...	12.504	-6.907	0.85	51.III52	10.6	...	4.335	-36.601	-5	...	...	...	1.642	+10.832	-4	...	...		
...	-12.449	+33.494	-5	...	...	...	-4.290	-24.632	0.70	...	...	...	+1.692	-32.965	0.95	...	...		
...	12.397	+2.819	1.15	50.I0990	10.6	...	4.101	-20.626	-3	...	...	...	1.731	+25.747	-5	...	...		
...	11.632	-53.228	0.90	...	...	...	4.047	-42.938	-2	...	...	...	1.973	-39.310	0.70	...	...		
...	11.482	-48.349	-5	...	...	...	3.965	-42.035	-5	...	...	*	1.983	-48.519	1.00	51.III62	10.2		
...	11.409	+32.192	0.80	...	...	...	3.845	+18.177	-3	...	...	...	2.081	+14.997	-5	m	...		
43I	-11.224	+41.330	-4	...	...	49I	-3.685	+5.232	1.25	50.II001	9.5	55I	+2.304	+22.830	-5	...	...		
...	10.818	-6.186	0.95	51.III53	10.6	...	3.583	+8.600	0.90	50.II000	10.6	...	2.443	+34.592	-3	...	...		
*	10.797	+59.509	1.40	50.I0992	9.4	*	3.530	-32.935	1.25	51.III59	9.8	...	2.459	+50.294	-5	...	...		
...	10.786	+37.573	-5	...	...	...	3.475	+49.846	-5	...	...	†	2.584	-24.787	0.90	...	...		
...	10.592	+18.516	0.95	...	...	...	3.467	+18.611	-5	...	...	...	2.890	-5.467	1.00	...	...		
*	-10.554	+58.032	1.40	50.I0994	9.4	...	-3.288	+27.588	-5	...	...	...	+3.055	-34.393	-5	...	...		
...	10.509	+13.040	0.95	...	...	...	3.255	-23.170	0.70	...	...	...	3.142	-54.048	0.80	...	...		
...	10.442	+15.798	1.00	50.I0993	10.6	...	3.159	+6.644	-5	...	...	...	3.150	-18.979	-5	...	...		
...	10.347	+55.665	-4	...	...	...	3.056	-58.796	-5	...	...	...	3.261	-36.147	-5	...	...		
...	10.295	-4.337	-5	p	...	...	2.935	+34.210	-4	...	...	...	3.322	-27.646	-2	...	...		
44I	-10.196	+54.229	0.90	...	...	50I	-2.913	+35.115	-5	...	...	56I	+3.340	-39.009	-5	p	...		
...	10.063	-41.275	0.70	...	...	...	2.865	+6.762	-4	...	...	*	3.458	+31.047	1.80	50.II003	9.2		
†	9.977	+15.420	-5	...	...	...	2.707	+18.916	-3	...	...	...	3.585	+27.446	0.85	...	...		
...	9.881	-41.854	-5	...	...	...	2.545	+44.725	-5	...	...	...	3.615	-1.791	-4	...	...		
...	9.704	+46.419	-4	...	...	...	2.419	-52.193	-4	...	...	*	3.823	+40.367	1.10	50.II004	10.0		
...	-9.113	-20.561	-5	p	...	...	-2.353	+20.706	-5	...	...	...	+4.208	-21.631	1.00	51.III63	10.2		
*	9.033	+20.976	5.00	50.I0995	7.0	...	2.260	+44.393	-5	...	...	†	4.231	+25.024	-3	...	...		
*	8.979	-31.386	1.15	51.III54	9.4	...	2.211	+16.875	-5	...	...	...	4.408	+23.448	0.85	...	...		
*	8.712	-55.124	1.20	51.III55	9.8	...	2.120	-29.186	-5	p	...	†	4.890	+25.824	0.70	...	...		
...	8.491	-9.688	-5	...	...	S *	2.118	-43.500	2.50	51.III60	8.2	...	5.059	-36.933	-5	p	...		

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
571-630						631-690						691-750					
57I	+	5.175	-50.291	-3	...	63I	+	12.824	+27.889	1.00	50.II009	10.6	69I	+	20.527	-53.614	0.90
...	...	5.391	+17.695	-5	...	...	...	12.966	+23.700	-4	...	...	...	...	20.603	-24.380	1.00
...	...	5.450	+9.971	-5	...	...	...	13.011	+35.027	-5	...	...	...	...	20.665	-42.392	-2
...	...	5.464	-53.407	-3	...	...	...	13.104	-1.803	-1	...	...	...	...	20.867	-14.205	1.00
...	...	5.582	+45.464	-4	...	...	...	13.200	+50.379	1.20	50.II010	9.5	...	...	21.407	-31.634	-5
...	+	5.640	-54.509	-4	...	...	...	+13.206	-27.137	-2	...	...	...	...	+21.511	+23.817	-5
...	...	5.678	+42.346	-5	...	...	...	13.230	-35.696	-5	...	...	...	...	21.609	-59.472	-5
...	...	5.833	+41.282	-4	...	...	...	13.263	-23.411	-5	...	...	...	...	21.930	+45.979	-2
...	...	5.834	-11.712	0.70	...	...	...	13.617	+2.308	-5	...	...	...	...	22.080	-38.754	0.75
...	...	5.874	+15.668	-4	...	...	...	13.620	-16.275	-5	p	...	...	...	22.099	-27.649	-5
58I	+	5.912	+34.381	0.70	...	64I	+	13.631	-41.784	1.00	...	...	70I	+	22.350	+58.767	1.00
...	...	6.212	+42.818	-3	...	...	...	13.975	+35.497	1.20	50.II011	9.8	S *	...	22.585	+11.239	3.00
...	...	6.283	-36.528	-2	...	...	...	14.067	+44.235	-3	...	...	...	...	22.664	-34.617	0.95
...	...	6.360	+43.512	-4	...	...	...	14.250	+40.963	-3	...	...	...	...	22.666	+38.168	1.50
...	...	6.391	-36.235	-4	...	...	...	14.762	-59.152	0.80	...	...	...	...	22.700	+24.751	-2
*	+	6.439	-44.937	1.00	51.III64	10.2	...	+14.825	+39.930	-3	...	...	...	...	+22.768	-50.285	1.00
...	...	6.781	+19.828	-5	...	...	...	14.969	+10.458	-4	...	...	...	...	22.896	+13.049	-5
...	...	6.934	+2.350	-3	...	...	...	15.096	-45.534	-5	...	...	...	...	23.050	+7.995	1.00
...	...	6.973	+53.859	-3	...	...	...	15.232	+58.870	-4	...	...	...	...	23.078	-42.339	1.40
...	...	7.337	-4.351	-2	...	...	...	15.614	-4.606	-5	...	...	...	...	23.207	+27.973	-5
59I	+	7.464	-0.450	-5	...	65I	+	15.657	-3.880	-5	p	...	71I	+	23.331	+56.897	-5
...	...	7.498	-8.719	-2	...	...	...	15.683	+51.180	-5	...	...	...	...	23.352	-33.255	0.85
...	...	7.521	+51.153	-4	...	...	...	15.786	-23.567	-5	p	...	...	...	23.405	+15.326	0.90
*	...	7.959	+48.820	1.35	50.II005	9.6	...	15.801	+19.123	0.65	...	...	...	...	23.580	+21.096	-5
...	...	7.974	+16.683	-5	...	...	...	15.824	-52.040	-5	p	...	...	...	23.584	+51.429	1.00
*	+	8.123	-33.294	2.00	51.III65	8.6	...	+16.099	-9.100	0.75	...	...	...	...	+23.697	-8.996	1.05
...	...	8.146	+22.191	-5	...	...	...	16.148	+30.417	-5	m	...	...	...	23.838	-40.291	1.00
...	...	8.198	+38.962	-5	...	...	...	16.164	-7.832	-3	...	...	...	...	23.899	-32.466	-5
...	...	8.227	+43.650	-3	...	...	...	16.191	+15.610	0.75	...	...	...	...	24.050	-31.984	-3
...	...	8.278	-12.643	-5	...	...	...	16.439	+40.741	-4	...	...	...	...	24.092	+58.000	2.00
60I	+	8.413	+25.790	-2	...	66I	+	16.482	+14.975	-5	m	...	72I	+	24.286	+51.265	-5
...	...	8.850	-32.404	0.80	...	...	...	16.629	-12.824	1.30	51.III68	9.8	...	...	24.532	+3.518	0.90
...	...	8.861	+34.218	-5	...	...	...	16.692	+15.768	0.70	...	...	...	...	24.540	-55.352	-3
...	...	9.029	-28.030	-3	...	...	...	16.794	-21.728	-5	...	...	...	...	24.803	+8.087	1.00
...	...	9.089	-6.036	-3	...	...	...	16.815	+31.236	-2	...	...	...	...	24.917	+24.548	0.80
...	+	9.181	-34.548	-5	p	...	...	+16.929	+44.539	1.05	50.II012	10.0	...	...	+24.950	+40.056	-3
*	...	9.184	-2.653	1.50	51.III66	9.4	...	16.979	-19.266	1.20	51.III69	9.6	...	...	25.002	-38.772	-5
*	...	9.501	-31.242	1.10	51.III67	9.8	...	17.040	-22.530	0.95	...	...	...	...	25.184	+26.568	0.90
...	...	9.868	+45.937	-1	...	...	...	17.088	-29.762	-4	...	...	...	...	25.214	+43.389	0.80
...	...	10.028	+31.280	-5	...	...	...	17.636	-33.608	-3	...	...	...	...	25.252	+2.627	-5
61I	+	10.094	-48.035	-5	...	67I	+	17.783	+35.760	-3	...	...	73I	+	25.357	-44.064	-1
...	...	10.112	+26.210	1.00	50.II007	10.6	...	17.801	-26.430	-5	p	...	...	...	25.368	+40.124	-5
...	...	10.255	+41.663	0.90	...	...	...	17.949	-53.868	0.70	...	...	...	...	25.674	-49.277	1.20
...	...	10.403	+14.083	1.00	...	...	...	18.005	-12.045	-5	p	...	...	...	25.748	+10.781	-1
...	...	10.435	+43.145	-4	...	...	...	18.094	+58.052	-5	...	...	...	...	25.817	+42.334	1.30
...	+	10.465	-53.660	-2	...	...	...	+18.244	-32.839	-1	...	...	...	...	+25.989	-30.436	-5
...	...	10.509	-24.076	-5	...	...	...	18.324	+43.569	-1	...	...	...	...	26.078	-34.553	1.60
...	...	10.537	+45.683	0.90	...	...	...	18.501	+59.826	0.80	...	...	...	...	26.159	+40.474	0.65
...	...	10.824	+39.719	-2	...	...	...	18.573	-56.739	-5	p	...	...	...	26.182	+57.991	-5
...	...	10.922	+52.620	-5	...	...	...	18.760	+26.766	-5	...	...	...	...	26.315	+47.184	-5
62I	+	10.976	-17.132	-5	...	68I	+	18.765	-58.845	0.90	...	...	74I	+	26.522	-40.311	1.70
...	...	11.313	-39.910	0.70	...	...	...	18.879	+34.823	-5	...	...	...	...	26.525	+43.767	-4
...	...	11.569	-53.550	-5	...	...	...	18.885	-10.294	0.70	...	...	...	...	26.632	-43.592	0.80
...	...	11.653	+19.958	-3	...	...	...	18.961	+44.403	1.20	50.II013	9.8	...	...	26.694	-40.334	-5
...	...	11.810	+21.053	-5	...	...	...	19.037	+57.816	-4	...	...	...	...	26.746	-12.510	1.00
*	+	11.916	+3.568	1.20	50.II008	10.2	...	+19.216	+57.135	-4	...	...	...	...	+26.751	-0.321	-5
...	...	11.946	+59.844	-3	...	...	...	19.476	+18.114	-4	...	...	...	...	26.970	-30.995	0.75
...	...	11.983	+55.053	-3	...	...	...	20.114	-39.002	0.90	...	...	...	...	27.012	+55.641	-5
...	...	12.126	+51.130	-5	...	...	...	20.192	-9.817	1.10	51.III70	9.8	...	...	27.088	-1.508	-5
...	...	12.688	+32.848	0.70	...	...	...	20.234	+52.724	-5	...	...	...	...	27.124	+19.892	-5

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
751-810						811-870						871-930					
75I	+27°152	-7°98I	-5	...	...	8II	+33°138	-42°296	0·80	...	...	87I	+40°656	-30°149	-3	...	...
...	27°434	+40°02I	0·95	...	...	...	33°634	+46°800	-4	...	...	...	40°708	+12°374	-5	...	...
*	27°469	+30°226	I·30	50.II020	9·6	...	33°682	-4°733	-5	...	...	...	40°835	+22°06I	-5	...	...
...	27°494	-42°52I	-2	...	...	...	33°732	-32°672	-2	...	...	...	40°936	+2I°358	-5	...	...
...	27°517	+56°964	-4	...	...	S *	33°875	-40°524	2·90	5I.III86	8·2	...	40°946	+24°198	-4	...	...
...	+27°550	+12°967	-4	...	...	...	+33°968	-58°387	-5	<i>p</i>	...	...	+4I°224	+15°608	-5	...	...
...	27°637	+3°000	0·90	...	...	...	34°0II	+26°510	I·00	...	...	...	4I°229	-24°652	I·00	...	...
...	27°73I	-28°443	-4	...	...	...	34°127	-24°547	-5	...	...	...	4I°304	-2I°272	-4	...	...
...	27°766	+23°817	0·90	...	...	...	34°145	-36°683	-2	...	...	...	4I°367	+II°66I	-5	...	...
...	28°092	-37°57I	0·80	...	...	...	34°189	-30°594	0·70	...	...	...	4I°675	-10°092	0·90	...	...
76I	...	...	...	...	...	82I	...	...	...	...	...	88I	...	...	...	...	...
...	+28°104	+30°633	-4	<i>a</i>	...	...	+34°203	-54°890	-5	<i>p</i>	...	...	+4I°688	+4°654	-5	...	...
...	28°219	+59°685	-5	...	...	...	34°209	-16°80I	-5	...	...	*	4I°733	-14°08I	I·00	5I.III9I	10·4
...	28°480	+53°140	-4	...	...	...	34°335	+47°294	-5	...	...	...	4I°783	-24°895	-5	...	...
...	28°546	+8°539	-4	...	...	...	34°43I	-28°327	0·80	...	...	...	4I°814	-6°029	-5	<i>p</i>	...
...	28°625	-44°356	-5	<i>p</i>	...	...	34°442	+59°39I	-2	...	...	*	42°213	-36°55I	I·00	...	...
...	+28°885	+43°249	-3	...	...	...	+34°555	+43°502	I·00	...	...	...	+42°332	-36°469	-3	...	...
...	28°974	+3I°265	0·90	...	...	...	34°728	-26°545	-5	<i>p</i>	...	...	42°333	+13°886	-5	...	...
...	28°977	+58°998	I·00	...	...	...	34°767	-17°300	-5	...	...	...	42°514	-55°494	-5	<i>p</i>	...
...	28°980	-10°502	-2	...	...	*	34°989	+1°564	I·60	5I.III87	9·2	...	42°652	-2I°948	0·65	...	...
...	28°993	-2I°872	-4	...	...	...	35°077	-7°798	0·75	...	...	...	42°676	-2I°019	-5	<i>p</i>	...
77I	...	...	...	...	...	83I	...	...	...	...	...	89I	...	...	...	...	...
...	+28°996	+43°797	0·95	...	...	...	+35°464	+14°010	-4	...	...	...	+42°899	-12°814	I·00	...	...
...	29°079	-50°700	-4	...	...	...	35°68I	+II°83I	I·00	...	...	...	43°047	+16°895	-5	...	...
*	29°228	-35°364	I·00	...	...	...	35°737	+22°004	0·90	...	...	...	43°059	-7°289	0·70	...	...
...	29°259	+40°706	-I	...	...	...	36°029	-54°572	-3	...	...	N *	43°348	+22°230	I·00	50.II027	9·8
...	29°323	-44°484	-I	...	...	...	36°235	-1°532	-5	<i>p</i>	...	...	43°41I	-22°190	-5	...	...
*	+29°394	-44°065	I·30	5I.III80	9·4	...	+36°670	-48°119	-3	...	...	...	+43°460	+40°577	-5	...	...
...	29°546	-10°323	-3	...	...	*	36°880	+49°654	I·20	50.II023	10·0	...	43°616	+52°655	-5	<i>m</i>	...
...	29°594	+0°20I	-5	<i>m</i>	...	...	36°948	-59°583	0·90	...	...	*	43°778	-33°452	I·00	5I.III92	10·6
...	29°600	+17°547	-2	...	...	...	37°052	+36°397	-4	...	...	...	43°778	-37°716	-3	...	...
...	29°763	+3I°400	I·00	...	...	...	37°214	-9°649	0·85	...	...	...	43°878	+34°28I	-5	...	...
78I	...	...	...	...	...	84I	...	...	...	...	...	90I	...	...	...	...	...
*	+29°770	-40°889	I·00	5I.III8I	10·6	...	+37°239	-15°009	-2	...	...	...	+43°985	-45°798	I·00	...	...
...	29°77I	+28°055	0·70	...	...	...	37°280	-1I°262	-3	...	...	...	44°137	-58°116	-5	...	...
†	29°796	-25°379	I·50	5I.III82	9·4	...	37°35I	+50°524	0·90	...	...	...	44°139	+5°248	-5	...	...
SNn†	29°883	+50°227	3·00	50.II02I	7·7	*	37°362	-3°113	I·00	5I.III88	10·6	...	44°542	+10°202	0·65	...	...
†	29°92I	+22°655	-4	...	...	...	37°525	+5I°392	-5	...	...	...	44°696	+5I°819	-3	...	...
n *	+30°018	+50°422	I·00	50.II02I	7·7	...	+37°705	-46°509	-5	<i>p</i>	...	...	+44°714	-37°057	-3	...	...
...	30°145	-10°449	0·90	...	...	...	37°714	+36°994	0·90	...	...	...	45°000	+9°515	-5	...	...
...	30°194	+5°897	-5	...	...	...	37°750	+19°863	0·75	...	...	...	45°103	+47°035	-I	...	...
...	30°556	-47°753	-3	...	...	...	37°944	+16°690	-3	...	...	*	45°11I	+8°457	I·15	50.II028	10·0
...	30°559	+14°460	-3	...	...	...	37°993	+16°385	-5	...	...	...	45°29I	+40°957	-4	...	...
79I	...	...	...	...	...	85I	...	...	...	...	...	91I	...	...	...	...	...
...	+30°896	-5°977	-5	...	...	...	+37°993	-3°464	-5	<i>p</i>	...	...	+45°475	-55°453	0·80	...	...
...	3I°29I	-1I°103	-3	...	...	*	38°094	-2°925	I·30	5I.III89	9·4	...	45°509	-48°247	-5	...	...
...	3I°402	-37°823	0·80	...	...	*	38°259	+39°508	I·25	50.II024	9·6	...	45°722	-1°483	0·80	...	...
...	3I°54I	-2°868	-5	...	...	...	38°437	-28°139	0·70	...	...	...	45°807	+26°146	-4	...	...
...	3I°595	+56°933	-3	...	...	†	38°586	-34°758	-5	<i>p</i>	...	...	45°860	+14°26I	-5	...	...
*	+3I°628	-32°07I	I·00	...	...	...	+39°188	+38°885	-5	...	...	...	+45°87I	-35°608	-5	...	...
*	3I°696	+15°724	I·20	50.II022	9·8	...	39°199	+41°649	I·00	50.II025	10·6	*	45°946	-8°316	I·05	5I.III93	10·4
...	3I°846	-1I°573	-5	...	...	...	39°338	-32°993	I·00	5I.III90	10·6	...	45°98I	-23°436	-3	...	...
...	3I°996	-33°846	0·65	...	...	...	39°405	+24°186	-4	...	...	...	45°983	-33°756	-5	...	...
...	32°028	+46°837	-4	...	...	...	39°469	+37°80I	-4	<i>b</i>	...	...	46°115	+8°765	-5	...	...
80I	...	...	...	...	...	86I	...	...	...	...	...	92I	...	...	...	...	...
*	+32°089	-28°289	I·00	5I.III83	10·6	...	+39°482	-4°950	-2	...	...	...	+46°128	+2°873	-4	...	...
...	32°103	+12°33I	-3	...	...	...	39°486	+37°313	-5	...	...	*	46°330	+33°520	I·20	50.II029	10·2
*	32°155	-39°287	I·00	5I.III84	10·2	...	39°518	-55°089	-5	...	...	†	46°342	-24°867	-5	<i>p</i>	...
...	32°228	+59°302	-3	...	...	...	39°538	-13°784	-3	...	...	...	46°342	-38°490	-5	...	...
...	32°336	-37°765	0·70	...	...	...	39°569	+6°554	0·65	...	...	...	46°363	-18°214	-3	...	...
†	+32°427	-34°700	-5	...	...	...	+39°574	-59°126	0·75	...	...	...	+46°409	+40°857	-5	...	...
...	32°583	+14°235	0·95	...	...	...	39°747	-16°975	-3	...	...	...	46°702	-49°300	-3	...	...
...	32°844	+7°512	-5	...	...	...	40°116	-0°168	I·00	...	...	†	46°716	-14°807	-I	...	...
...	33°002	+19°837	0·85	...	...	...	40°284	-28°043	0·90	...	...	...	46°718	-48°360	-5	<i>p</i>	...
...	33°102	-23°489	I·00	5I.III85	10·6	†	40°592	+49°956	I·15	50.II026	10·0	*	46°835	+12°250	I·80	50.II030	8·9

784. Remeasure 1916, $\gamma=50^{\circ}240$.

784, 786. C.P.D., mass.

894. Var. L=9·2-10·6.

Co-ordinates.					Diam.	C.P.D.				
Notes.		x.		y.	0'70.	No.		Mag.		
931-970										
93I	...	+46'935	-24'186	-3	...	...	...	...	...	
...	...	47'135	+41'351	0'80	...	...	...	...	...	
...	...	47'287	-44'078	0'65	...	...	...	...	...	
...	...	47'532	-3'993	-5	...	...	...	...	...	
...	...	47'541	-19'283	-2	...	...	...	...	...	
...	...	+47'629	+43'288	0'90	...	...	...	...	...	
...	...	47'635	+55'768	0'95	...	...	...	...	...	
...	...	47'934	+14'948	0'90	...	...	...	...	...	
...	...	48'016	-47'126	0'70	...	...	...	...	...	
...	...	48'019	-12'577	1'00	...	...	...	...	...	
94I	...	+48'043	+49'575	-4	...	...	...	...	...	
...	...	48'058	+2'555	-2	...	...	...	...	...	
...	...	48'074	+7'289	-4	...	...	...	...	...	
...	...	48'235	-19'431	-5	...	...	...	...	...	
...	...	48'373	+17'314	-5	...	...	...	...	...	
...	...	+48'394	-10'125	-4	...	...	...	...	...	
...	...	48'449	-28'634	-4	...	...	...	...	...	
...	...	48'715	-27'985	-5	p	...	...	...	...	
...	...	49'042	+35'889	-5	...	...	...	...	...	
...	...	49'457	-52'196	-2	...	...	...	...	...	
95I	...	+49'526	-14'028	-4	...	...	...	...	...	
...	...	49'580	+2'859	-4	...	...	...	...	...	
...	...	49'596	-30'923	-5	...	...	...	...	...	
...	...	49'661	+38'840	-4	...	...	...	...	...	
...	...	49'738	-0'293	0'75	...	...	...	...	...	
...	...	+49'753	+52'245	1'20	50.11031	10'2	...	...	...	
...	...	49'777	-54'300	-5	p	...	...	...	...	
...	...	49'932	+50'390	-5	...	...	...	...	...	
...	...	50'153	+3'296	1'00	...	...	...	...	...	
...	...	50'206	-8'623	-2	...	...	...	...	...	
96I	...	+50'210	-31'843	0'75	...	...	...	...	...	
...	...	50'217	+4'795	-2	...	...	...	...	...	
...	...	50'242	-7'026	0'95	...	...	...	...	...	
...	...	50'471	-5'732	-3	...	...	...	...	...	
...	...	50'502	-36'324	-5	...	...	...	...	...	
...	...	+50'670	+58'714	1'00	...	...	...	...	...	
...	...	50'822	+58'432	-5	...	...	...	...	...	
...	...	50'842	-44'072	-5	p	...	...	...	...	
...	...	50'944	+43'633	0'95	...	...	...	...	...	
...	...	50'989	+42'269	-5	...	...	...	...	...	

Co-ordinates.					Diam.	C.P.D.				
Notes.		x.		y.	0'70.	No.		Mag.		
971-1010										
97I	...	+51'001	-19'630	-3	...	...	...	...	...	
...	...	51'065	+47'200	-3	...	...	...	...	...	
...	*	51'127	+10'282	1'05	50.11032	10'2	...	...	...	
...	...	51'194	+17'963	-5	...	...	...	...	...	
...	...	51'307	-38'433	-4	...	...	...	...	...	
...	...	+51'457	-38'428	1'00	...	...	...	...	...	
...	...	51'542	+45'869	-2	...	...	...	...	...	
...	...	51'597	+46'854	-5	...	...	...	...	...	
...	...	51'761	+57'867	-5	...	...	...	...	...	
...	...	51'956	-20'517	0'85	...	...	...	...	...	
98I	...	+52'178	-5'784	-2	...	...	...	...	...	
...	...	52'239	+50'220	1'00	...	...	...	...	...	
...	...	52'561	+19'969	-1	...	...	...	...	...	
...	...	52'628	+14'073	-5	...	...	...	...	...	
...	...	52'759	+13'407	-5	...	...	...	...	...	
...	...	+52'910	-15'199	-4	e	...	...	...	...	
...	...	53'200	+17'057	-1	...	...	...	...	...	
...	...	53'388	+36'002	-4	...	...	...	...	...	
...	...	53'575	-0'927	0'80	e	...	...	...	...	
...	...	53'815	+11'665	-5	...	...	...	...	...	
99I	...	+53'952	-22'747	-5	e	...	...	...	...	
...	e	54'035	-11'057	1'05	51.11194	10'6	...	...	...	
...	...	54'091	+31'046	-3	...	...	...	...	...	
...	Se *	54'158	-45'657	4'50	51.11195	6'6	...	...	...	
...	†	54'860	-26'083	-3	e	...	...	...	...	
...	†	+54'887	+20'409	-5	...	...	...	...	...	
...	...	55'163	+44'199	0'65	...	...	...	...	...	
...	...	55'220	-29'208	0'95	e	...	...	...	...	
...	e *	55'259	-38'192	1'90	51.11196	9'0	...	...	...	
...	...	55'539	+43'230	-3	...	...	...	...	...	
100I	...	+55'593	-26'464	0'90	e	...	...	...	...	
...	...	55'750	+33'526	-5	...	...	...	...	...	
...	...	55'831	+11'752	0'65	...	...	...	...	...	
...	e *	55'903	-48'514	1'35	51.11197	9'8	...	...	...	
...	...	56'024	+23'422	-5	...	...	...	...	...	
...	...	+56'201	-28'340	-3	e	...	...	...	...	
...	...	56'382	-24'706	-5	p	...	...	...	...	
...	e *	56'452	-37'201	1'15	51.11198	10'6	...	...	...	
...	*	56'498	+35'351	1'15	50.11033	10'0	...	...	...	
...	...	56'687	+1'305	-4	e	...	...	...	...	

Co-ordinates.					Diam.	C.P.D.				
Notes.		x.		y.	0'70.	No.		Mag.		
1011-1034										
101I	...	+56'723	-58'504	1'70	52.11415	9'2	...	...	...	
...	e *	56'993	-25'070	-5	p	...	...	...	...	
...	S *	57'038	+28'031	2'00	50.11035	8'7	...	...	...	
...	*	57'050	+50'168	1'40	50.11034	9'8	...	...	...	
...	...	57'153	-26'333	1'00	e	...	...	...	...	
...	†	+57'166	+49'971	-3	...	...	...	...	...	
...	...	57'380	+41'201	0'80	...	...	...	...	...	
...	...	57'389	-13'464	-4	e	...	...	...	...	
...	...	57'537	+29'148	-3	...	...	...	...	...	
...	...	57'572	-3'644	0'75	e	...	...	...	...	
102I	...	+57'709	-26'431	0'90	e	...	...	...	...	
...	...	57'736	+7'283	0'90	...	...	...	...	...	
...	...	57'778	+37'944	0'85	...	...	...	...	...	
...	...	58'161	-57'066	-2	e	...	...	...	...	
...	e	58'196	-54'616	1'00	51.11199	10'6	...	...	...	
...	...	+58'597	-51'722	-5	e	...	...	...	...	
...	...	58'696	+3'574	-5	...	...	...	...	...	
...	...	58'767	-38'692	-5	e	...	...	...	...	
...	...	59'053	+11'106	-5	...	...	...	...	...	
...	...	59'081	+3'063	-4	...	...	...	...	...	
103I	...	+59'208	+3'931	-5	...	...	...	...	...	
...	...	59'287	+21'178	-5	...	...	...	...	...	
...	...	59'467	+9'825	-5	...	...	...	...	...	
...	...	59'718	+12'543	1'00	...	...	...	...	...	

1-10						11-20						21-30					
I	<i>x</i>	<i>y</i>				II	<i>x</i>	<i>y</i>				2I	<i>x</i>	<i>y</i>			
...	-59'988	+11'527	-3	...	...	*	-58'271	+35'307	1'00	50.11033	10·0	...	-56'912	-29'255	0·90	°E	...
...	59'951	+44'094	-3	...	...	...	58'246	+23'367	-2	...	...	...	56'708	-51'222	-5	<i>p</i>	...
...	59'793	-15'345	-5	E	...	...	58'191	+49'928	-4	...	...	...	56'695	+1'295	-5	E	...
...	59'715	-1'058	0·75	E	...	...	57'973	+11'699	-2	...	...	...	56'655	-26'493	0·85	E	...
...	59'533	+43'152	-4	...	...	...	57'623	+41'195	-2	...	...	E *	56'501	-38'229	1'50	51.11196	9·0
...	-59'274	+20'305	-5	...	...	S *	-57'407	+28'019	1'80	50.11035	8·7	...	-55'967	-28'339	-2	E	...
...	58'926	+33'448	-5	...	...	...	57'401	-26'147	-3	E	...	...	55'892	+7'307	0·85	...	...
E *	58'837	-11'158	1'00	51.11194	10·6	SE *	57'276	-45'722	4'00	51.11195	6·6	...	55'652	+53'625	-5	...	...
...	58'444	-22'837	-5	E	...	...	57'085	+37'950	0·90	...	...	...	55'608	-3'608	0·75	E	...
*	58'303	+50'134	1'30	50.11034	9·8	...	56'969	+29'155	0·65	...	...	E *	55'459	-48'513	1'00	51.11197	9·8

L measured from 1, 172, 350, 514, 686, 866.

C " " 81, 266, 440, 604, 769, 966.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
31-90						91-150						151-210					
3I	...	...	...	...	...	9I	...	...	...	...	...	15I	...	...	...	...	...
E	55°393	-13°431	-2	E	...	...	-49°100	-32°611	-5	p	...	...	...	-42°818	-40°309	0·95	...
...	55°352	-37°189	1·00	51.III98	10·6	...	49°081	+41°889	-5	...	...	...	42°689	-27°690	-5	p	...
...	55°237	-11°296	-5	...	...	...	49°019	-48°934	0·95	...	...	...	42°320	+54°878	-5	...	...
†	55°106	-26°289	0·90	E	...	...	48°982	-9°623	-3	...	...	...	42°149	-5°564	-4	...	...
...	54°910	+21°255	-3	...	...	...	48°925	-19°865	-5	p	...	...	41°976	+35°498	-2	...	...
...	-54°790	+3°641	-5	...	...	...	-48°878	+3°238	0·85	...	...	...	-41°917	-54°538	-2	...	...
...	54°743	+11°184	-5	...	...	...	48°557	-40°930	-5	...	...	...	41°889	+18°225	0·70	...	...
...	54°547	-26°366	0·80	E	...	...	48°425	+8°104	-5	...	...	...	41°746	-34°603	-4	...	...
...	54°388	+41°984	-5	...	...	...	48°407	+25°880	-5	...	...	...	41°648	-17°005	0·70	...	...
...	54°376	+3°144	-5	...	...	...	48°375	-8°788	-2	...	...	...	41°339	-11°180	-2	...	...
4I	...	...	...	...	...	10I	...	...	...	...	...	16I	...	...	...	...	...
...	-54°273	+4°017	-5	...	...	...	-48°113	-42°760	-4	...	...	...	-41°336	-51°178	1·20	51.II207	9·8
...	54°267	+9°921	-5	...	...	...	47°914	-43°480	1·00	51.II200	10·6	...	41°296	+42°286	-5	...	...
E *	54°224	-58°445	1·35	52.II415	9·2	...	47°768	-56°306	-1	...	...	...	41°045	-41°686	-5	...	...
...	54°160	+29°681	0·70	...	...	*	47°645	+33°047	1·10	50.II040	10·0	...	40°921	-7°825	0·70	...	...
...	54°110	+12°652	0·90	...	...	...	47°640	+30°718	0·95	...	...	...	40°640	+40°308	-5	...	...
...	-54°080	-42°259	-5	...	...	...	-47°495	+58°991	1·00	50.II041	10·4	*	-40°582	+51°843	1·05	50.II042	10·6
*	54°014	+19°701	1·00	50.II037	9·8	...	47°399	+21°425	0·75	...	...	...	40°485	-4°807	-5	...	...
...	53°902	-51°334	-5	p	...	...	47°396	+12°951	-4	...	...	...	40°437	-32°651	0·90	...	...
...	53°890	+43°991	-5	...	...	...	47°350	+56°425	-5	...	...	...	40°329	-38°901	0·95	...	...
...	53°594	+17°705	-5	...	...	*	47°003	-44°427	1·05	51.II201	10·6	...	40°313	+8°692	-5	...	...
5I	...	...	...	...	...	III	...	...	...	...	...	17I	...	...	...	...	...
...	-53°308	+6°293	0·95	...	...	...	-46°884	+45°320	0·85	...	...	...	-40°310	+6°522	0·95	...	...
...	53°095	+44°274	-3	...	...	...	46°795	-12°127	-5	...	...	...	39°776	-36°755	-5	p	...
...	52°994	-38°588	-5	E	...	...	46°585	+6°214	-2	...	...	...	39°761	+37°576	-5	...	...
E	52°897	-54°516	1·00	51.III99	10·6	...	46°560	-52°340	0·75	...	...	...	39°751	-7°461	-3	...	...
...	52°849	+42°656	-1	...	...	*	46°547	-18°911	1·00	...	...	*	39°417	+40°733	1·40	50.II043	9·0
...	-52°845	-56°950	-2	E	...	...	-46°532	-25°283	-5	p	...	...	-39°383	+58°364	-5	...	...
*	52°697	+24°032	1·00	50.II038	10·6	...	46°479	-3°644	0·85	...	...	...	39°272	+0°737	-3	...	...
...	52°672	-12°087	-5	...	...	...	46°407	+0°399	-4	...	...	...	39°110	-44°902	-5	...	...
...	52°616	-51°597	-5	E	...	...	46°319	+8°286	-4	...	...	...	38°999	-1°492	-5	...	...
...	52°615	-7°863	-2	...	...	...	46°230	+57°376	-4	...	...	...	38°604	-37°235	0·80	...	...
6I	...	...	...	...	...	12I	...	...	...	...	...	18I	...	...	...	...	...
...	-52°601	+52°426	-2	...	...	...	-46°106	+48°573	-5	...	...	...	-38°356	-50°551	-5	...	...
...	52°564	+17°459	-4	...	...	...	46°086	+38°704	-4	...	...	...	38°348	+44°358	-2	...	...
...	52°340	+4°033	-5	...	...	...	45°713	-57°199	-4	...	...	...	38°333	-5°113	1·00	51.II209	9·8
...	52°214	+17°197	-5	...	...	...	45°706	+36°790	-4	...	...	...	38°241	-38°868	0·80	...	...
...	52°088	-26°250	-5	...	...	...	45°610	+8°613	-2	...	...	...	37°987	+22°014	-5	M	...
...	-52°032	+12°352	-2	...	...	...	-45°467	-19°505	-5	...	...	...	-37°950	+47°837	-3	...	...
...	51°997	+28°424	-2	...	...	...	45°447	+44°613	-4	...	...	...	37°922	-21°568	0·80	...	...
...	51°962	+4°669	-2	...	...	...	45°446	+29°102	0·75	...	...	...	37°740	-56°094	-4	...	...
...	51°856	-17°111	1·00	...	...	*	45°355	-14°657	1·60	51.II202	8·8	*	37°584	-49°185	1·00	51.II208	10·2
...	51°843	-25°186	-5	...	...	*	45°311	-10°295	1·40	51.II204	9·4	...	37°486	+12°147	-5	...	...
7I	...	...	...	...	...	13I	...	...	...	...	...	19I	...	...	...	...	...
...	-51°668	+42°867	0·95	...	...	...	-45°259	-33°031	0·65	...	...	...	-37°436	+14°945	-5	...	...
...	51°663	+31°525	0·85	...	...	...	45°252	-22°910	-5	p	...	...	37°372	+23°112	0·85	...	...
...	51°399	-25°299	0·70	...	...	...	45°163	-14°426	1·60	51.II203	8·8	...	37°175	+29°458	-5	M	...
...	51°272	-56°752	-5	...	...	...	44°868	+14°854	0·70	...	...	...	37°054	-14°697	-5	...	...
...	51°190	+40°743	-5	...	...	...	44°771	+56°550	-5	...	...	*	36°799	+47°396	1·10	50.II044	9·8
...	-50°978	-52°578	-3	...	...	...	-44°751	-36°049	1·00	51.II205	10·4	...	-36°792	-45°336	-5	p	...
...	50°853	+42°728	-5	...	...	...	44°653	+39°432	-5	...	...	...	36°767	+12°073	0·75	...	...
...	50°753	+2°068	-5	...	...	...	44°441	-24°017	-5	...	...	...	36°306	-35°742	-5	...	...
...	50°528	-31°489	-2	...	...	...	44°416	+14°405	0·95	...	...	...	36°259	-40°963	-3	...	...
...	50°335	-18°354	-5	...	...	...	44°270	+36°225	-3	...	...	...	36°042	+33°238	-5	...	...
8I	...	...	...	...	...	14I	...	...	...	...	...	20I	...	...	...	...	...
...	-50°042	-2°729	-5	...	...	...	-44°269	-57°031	-4	...	...	...	-35°930	-56°264	-5	...	...
...	49°928	-29°254	-4	...	...	...	44°261	+1°641	0·70	...	...	*	35°914	+46°211	0·95	...	...
...	49°779	-28°434	-5	...	...	...	44°187	+4°195	-4	...	...	...	35°901	-53°413	-5	p	...
*	49°722	+29°269	1·00	50.II039	10·2	...	44°180	-59°335	0·90	...	...	...	35°827	-21°916	-3	...	...
...	49°656	-6°324	-2	...	...	...	44°046	-37°166	-5	p	...	...	35°824	+41°944	0·70	...	...
...	-49°598	-56°678	-3	...	...	...	-43°916	+8°852	0·80	...	...	...	-35°767	+34°223	-5	...	...
...	49°543	+7°879	-5	...	...	*	43°823	-1°353	1·50	51.II206	9·0	...	35°763	+9°632	-5	...	...
...	49°471	+39°253	0·90	...	...	...	43°625	-10°677	-2	...	...	...	35°699	+28°470	-5	M	...
...	49°457	-31°580	-5	...	...	...	43°251	-3°371	0·85	...	...	...	35°637	-13°622	-5	p	...
...	49°169	+2°108	-5	...	...	...	43°042	-2°603	-3	...	...	...	35°633	-33°578	0·90	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
211-270						271-330						331-390					
211	-35°549	+14°275	-3	°	...	271	-29°636	-20°011	-4	°	...	331	-22°838	-53°624	-5	°	...
*	35°270	+24°393	1·10	50.II045	9·5	...	29°619	+3°026	-2	...	...	...	22°770	-53°599	-5	...	...
...	35°044	+18°005	-2	...	...	*	29°424	-58°931	1·20	52.II425	10·0	...	22°637	+51°176	0·70	...	...
...	34°950	-47°658	0·95	...	...	...	29°373	-43°359	-3	...	...	...	22°524	+36°031	-3	...	...
...	34°919	-39°001	1·00	51.II210	10·4	...	29°310	+21°364	-4	...	...	...	22°364	+38°392	-4	...	...
...	-34°896	+41°754	-3	...	...	S †	-29°258	-25°267	4·50	51.II215	6·8	...	-22°281	-8°742	-5	...	...
...	34°799	-10°765	-4	...	...	...	29°105	-16°640	0·65	...	...	S *	22°273	+7°350	1·90	50.II051	8·3
...	34°778	+20°449	-4	...	...	*	28°934	+0°413	2·50	51.II216	8·0	...	21°886	-4°139	-3	...	...
...	34°622	+26°174	-5	M	...	...	28°911	-9°760	-4	...	...	†	21°871	+54°713	-5	...	...
...	34°563	+41°025	-5	M	...	...	28°808	-34°060	-4	...	...	...	21°836	-30°675	-4	...	...
221	-34°525	-49°914	-5	...	...	281	-28°800	-55°976	-4	...	...	341	-21°789	+26°603	-5	...	...
...	34°489	+35°404	-5	M	...	...	28°772	+44°950	-5	...	...	...	21°761	+16°532	-5	...	...
...	34°456	+11°825	-4	...	...	...	28°535	-7°136	-5	...	...	...	21°739	+5°479	-5	...	...
...	34°389	-2°146	-5	...	...	...	28°500	+49°881	-5	...	...	*	21°402	+9°690	1·05	50.II052	9·8
...	34°228	+49°965	-5	M	...	...	28°459	+16°203	-5	...	...	...	21°359	-58°443	0·80	...	...
...	-34°151	-9°503	0·65	...	...	...	-28°033	-23°099	-4	...	...	...	-21°108	-3°579	-4	...	...
...	34°075	-11°503	-2	...	...	...	27°970	+12°305	0·70	...	...	...	20°917	-50°287	-5	p	...
...	33°979	+58°452	-5	...	...	n	27°910	-58°093	1·05	52.II426	10·6	...	20°869	-47°840	-5	...	...
...	33°769	-19°919	-5	...	...	...	27°837	-12°482	0·85	...	...	...	20°574	+2°143	-5	...	...
...	33°764	+48°566	-5	...	...	...	27°801	+22°002	-4	...	...	...	19°984	+39°876	-5	...	...
231	-33°714	+34°301	-5	...	...	291	-27°797	+53°003	1·05	...	...	351	-19°928	+58°149	1·00	...	...
...	33°533	+15°260	-3	...	...	n	27°649	-58°060	0·95	52.II426	10·6	†	19°723	-45°040	0·70	...	...
...	33°528	-14°756	-5	...	...	...	27°532	-34°752	0·80	...	...	...	19°697	+27°117	-4	...	...
†	33°094	-30°091	0·95	...	...	...	27°456	-12°695	0·90	...	...	...	19°686	+36°052	-5	...	...
...	33°031	-38°436	-3	...	...	*	27°235	+48°746	0·95	...	...	...	19°672	+54°242	-5	...	...
*	-32°878	+39°588	1·00	50.II046	10·6	...	-27°168	+7°463	-5	...	...	...	-19°598	-52°808	0·90	...	...
*	32°844	+28°899	1·00	...	...	...	27°000	+1°962	0·75	...	...	...	19°591	+13°450	-3	...	...
...	32°591	+31°823	0·80	...	...	...	26°727	+20°050	-2	...	...	...	19°145	-10°330	-3	...	...
...	32°522	+14°967	-3	...	...	...	26°704	-28°891	-4	...	...	...	18°810	+52°640	-5	...	...
...	32°515	+10°717	-5	...	...	...	26°587	-55°527	-1	...	...	...	18°695	-33°637	-3	...	...
241	-32°338	-15°931	-5	...	...	301	-26°544	-53°652	-5	...	...	361	-18°695	-34°922	0·80	...	...
...	32°299	-42°955	-3	...	...	†	26°291	+39°781	-3	...	...	†	18°610	-15°101	-5	...	...
...	32°287	-42°915	-5	...	...	...	26°058	+18°225	0·95	...	...	...	18°609	-26°945	-3	...	...
...	32°215	-6°697	-5	...	...	...	26°002	-45°193	1·00	51.II217	10·6	...	18°478	+51°825	-5	...	...
...	31°900	-35°209	-5	...	...	...	25°946	+3°832	-4	...	...	...	18°408	-16°502	1·00	...	...
...	-31°867	+51°376	-5	...	...	...	-25°816	+27°273	-3	...	...	*	-18°252	-3°060	1·20	51.II219	9·6
...	31°859	+3°986	-5	...	...	...	25°700	+30°984	-3	...	...	...	18°131	+29°248	0·70	...	...
...	31°748	-16°628	-4	...	...	...	25°561	+44°231	-5	...	...	...	18°089	+52°374	-2	...	...
...	31°708	+22°899	-2	...	...	†	25°106	-59°231	1·20	52.II428	10·2	...	17°981	-29°156	-4	...	...
*	31°508	-48°359	1·00	51.II211	9·6	...	25°070	-9°831	-5	p	...	...	17°757	+43°771	-5	...	...
251	-31°454	-49°282	1·00	51.II212	10·0	311	-24°903	+35°578	-4	...	...	371	-17°376	-50°107	-2	...	...
*	31°286	-59°057	-5	p	...	...	24°761	-47°369	-4	...	...	...	17°303	+18°131	-3	...	...
...	31°283	+36°195	-2	...	...	*	24°653	+34°000	1·40	50.II048	9·0	*	17°280	+53°076	1·05	50.II053	9·8
*	30°925	-41°258	1·00	...	...	*	24°515	-38°182	1·15	51.II218	10·0	...	17°279	-26°479	-2	...	...
...	30°906	-6°416	0·90	...	...	...	24°276	-43°790	0·80	...	...	*	17°161	-34°906	1·00	51.II220	9·8
...	-30°740	-11°864	-5	...	...	*	-24°261	+16°840	1·05	50.II049	9·8	...	-17°020	-8°186	-5	p	...
...	30°716	+4°989	-2	...	...	...	24°024	-9°278	-3	...	...	...	16°937	-33°706	-5	...	...
...	30°704	+27°423	-3	...	...	...	23°982	+5°321	-4	...	...	...	16°785	-7°286	1·00	51.II222	10·6
...	30°678	-10°740	-5	p	...	...	23°684	+18°605	-2	...	...	...	16°679	-4°449	-5	...	...
...	30°602	+9°186	-5	...	...	...	23°678	+39°438	-4	...	...	...	16°676	+31°333	-5	...	...
261	-30°590	+51°541	-4	...	...	321	-23°627	-14°217	0·70	...	...	381	-16°654	-32°993	1·00	51.II221	9·8
...	30°560	+55°527	-5	...	...	...	23°626	-5°908	-3	...	...	...	16°611	+25°684	0·80	...	...
*	30°553	+12°688	1·00	50.II047	10·6	†	23°591	+9°752	-3	...	...	...	16°458	-17°569	-4	...	...
...	30°523	+23°437	-5	...	...	S *	23°500	+45°687	2·00	50.II050	8·6	*	16°449	+40°701	1·00	50.II054	10·6
*	30°440	-55°944	1·00	51.II213	10·2	...	23°339	+36°827	-4	...	...	...	16°363	+45°121	0·70	...	...
...	-29°984	+7°090	0·85	...	...	...	-23°324	-46°477	-5	p	...	...	-16°282	-20°018	-5	...	...
...	29°965	-4°152	-5	...	...	...	23°317	-55°705	-4	...	...	*	16°176	-31°804	1·40	51.II223	8·8
*	29°943	-36°175	1·05	51.II214	10·6	...	23°235	-34°187	-5	...	...	...	16°152	-40°969	-4	...	...
...	29°711	-47°440	-5	p	...	...	23°094	-44°486	0·90	...	...	†	16°117	+34°794	-5	...	...
...	29°646	+14°518	-5	M	...	...	22°885	+38°258	-3	...	...	...	15°958	-59°267	-5	...	...

288, 292. C.P.D., probably mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
391-450						451-510						511-570					
39I	-15° 925	+21° 297	-5	...	...	45I	-9° 067	+33° 830	-5	...	...	51I	-0° 639	+43° 124	-4	...	...
...	15° 850	-51° 351	-3	...	...	...	8° 980	-59° 310	0° 95	...	...	...	0° 595	+14° 940	-5	m	...
...	15° 680	-55° 537	-3	...	...	...	8° 914	-54° 866	0° 80	...	...	†	0° 303	-34° 633	-3	...	...
...	15° 559	+57° 730	-5	...	...	...	8° 816	+41° 137	-4	...	...	...	-0° 101	-16° 194	-3	...	...
†	15° 158	+38° 275	0° 70	...	...	*	8° 599	+22° 456	1° 20	50.II061	9·7	...	+0° 023	+10° 947	-3	...	...
†	-15° 147	-32° 212	-5	...	...	*	-8° 573	+15° 740	1° 15	50.II060	9·7	...	+0° 134	-48° 735	-5	p	...
...	14° 969	+45° 748	-5	...	...	...	8° 331	-53° 147	-5	...	...	...	0° 152	+49° 056	-4	...	...
...	14° 944	+8° 447	-5	...	...	...	7° 953	+51° 353	-5	...	...	...	0° 173	-15° 002	-5	...	...
...	14° 844	-49° 611	-5	...	...	...	7° 870	-48° 031	-4	...	...	*	0° 299	-30° 502	1° 20	51.II232	9·2
...	14° 776	+41° 287	-3	...	...	...	7° 853	-7° 234	-3	...	...	...	0° 343	-57° 342	0° 90	52.II441	10·2
40I	-14° 691	-37° 842	-3	...	...	46I	-7° 743	-47° 273	-5	p	...	52I	+0° 405	-0° 658	1° 00	51.II233	10·2
...	14° 646	+38° 860	0° 70	...	...	...	7° 641	+6° 124	-4	...	...	...	0° 420	+8° 725	-5	m	...
...	14° 631	-59° 079	-5	...	...	*	7° 332	-22° 166	1° 20	51.II229	9·4	...	0° 422	+14° 006	-5	m	...
...	14° 420	-30° 668	-2	...	...	...	6° 976	-12° 885	-4	p	...	*	0° 623	-58° 141	1° 00	52.II442	10·2
...	14° 415	+39° 980	-5	...	...	*	6° 740	-57° 896	1° 40	52.II438	9·2	...	0° 672	-36° 713	-3	...	...
...	-14° 384	+34° 247	-5	...	...	...	-6° 723	+33° 371	-5	M	...	...	+0° 844	+27° 154	-2	...	...
...	14° 330	+37° 050	0° 90	50.II055	10·6	...	6° 616	-15° 664	-1	...	...	...	0° 940	+52° 852	-2	...	...
...	14° 301	-40° 023	0° 90	...	...	...	6° 133	-43° 921	-5	...	...	...	1° 014	+33° 572	-5	m	...
...	14° 287	+23° 161	0° 90	...	...	S *	5° 952	-37° 396	1° 90	51.II230	8·8	...	1° 172	-51° 460	-5	p	...
...	14° 135	+44° 308	0° 85	...	...	...	5° 940	+43° 977	-4	...	...	...	1° 204	+34° 912	-5	Mm	...
41I	-13° 879	+23° 501	-5	...	...	47I	-5° 550	+48° 086	-5	...	...	53I	+1° 509	+53° 547	-5	...	...
...	13° 847	-52° 036	0° 70	...	...	...	5° 532	-48° 434	-5	p	...	...	1° 608	-18° 990	-1	...	...
*	13° 826	-41° 524	1° 00	51.II224	10·0	...	5° 525	+59° 595	-5	...	...	...	1° 642	+53° 779	-5	m	...
*	13° 813	-44° 881	1° 00	51.II225	10·6	...	5° 417	+48° 411	-5	...	...	...	1° 818	+22° 419	-5	m	...
*	13° 706	-39° 424	1° 30	51.II226	9·2	†	5° 217	-17° 607	3° 50	51.II231	7·8	...	1° 898	+38° 281	-2	...	...
...	-13° 694	+56° 459	-5	...	...	...	-5° 130	-51° 607	-4	...	...	...	+2° 001	-59° 844	0° 70	...	...
...	13° 518	+49° 217	0° 90	...	...	...	5° 115	-7° 731	-5	p	...	...	2° 073	+6° 518	-5	m	...
...	13° 456	+53° 671	-5	...	...	...	4° 755	+35° 760	0° 90	...	...	...	2° 089	+47° 881	-5	m	...
...	13° 279	-55° 649	-3	...	...	...	4° 709	-24° 284	-4	...	...	*	2° 098	-36° 943	1° 05	51.II234	9·2
...	13° 201	-23° 202	-5	...	...	...	4° 601	+18° 464	-5	...	...	...	2° 114	-51° 169	0° 80	...	...
42I	-13° 195	+56° 434	-5	...	...	48I	-4° 585	-15° 758	-5	...	...	54I	+2° 228	-55° 391	-5	...	...
...	13° 050	+5° 162	1° 00	50.II056	10·2	...	4° 379	+36° 630	0° 70	...	...	...	2° 384	+12° 636	-2	...	...
...	12° 814	+39° 524	0° 65	...	...	†	4° 150	-40° 024	-2	...	...	*	2° 387	+21° 466	1° 00	50.II070	10·1
...	12° 726	-19° 446	-4	...	...	...	3° 993	-53° 005	-4	...	...	...	2° 863	+49° 612	-5	m	...
...	12° 556	-34° 007	1° 00	...	...	...	3° 970	-39° 748	0° 70	...	...	...	2° 864	+41° 152	-1	...	...
...	-12° 416	+57° 520	-5	...	...	*	-3° 920	+29° 023	1° 10	50.II063	9·8	...	+2° 885	-29° 131	-5	p	...
...	11° 884	+44° 614	0° 70	...	...	...	3° 815	-28° 508	0° 90	...	...	...	3° 083	-13° 813	-3	...	...
...	11° 881	+16° 829	1° 00	...	...	...	3° 508	-47° 150	0° 80	...	...	...	3° 192	-31° 990	1° 00	51.II235	10·2
*	11° 879	+39° 660	1° 00	50.II058	10·4	...	3° 444	-58° 235	-4	...	...	...	3° 495	-57° 586	-5	p	...
...	11° 841	-42° 655	-5	...	...	...	3° 279	+29° 151	0° 70	...	...	...	3° 500	+12° 353	-4	...	...
43I	-11° 690	+38° 990	-2	...	...	49I	-3° 183	+30° 934	0° 70	...	...	55I	+3° 576	+57° 836	3° 00	50.II071	7·6
...	11° 678	+44° 971	-2	...	...	...	2° 998	+27° 481	0° 75	...	...	...	3° 849	-9° 950	-5	...	...
...	11° 503	+42° 180	-5	...	...	...	2° 610	+38° 209	-5	...	...	...	4° 007	+0° 064	-4	m	...
...	11° 309	-34° 130	-2	...	...	...	2° 368	+30° 478	-5	m	...	...	4° 020	+3° 624	-5	m	...
*	10° 862	-50° 849	-5	...	...	*	2° 340	+32° 258	1° 20	50.II064	9·4	...	4° 140	-20° 732	-3	...	...
...	-10° 856	+37° 012	0° 95	50.II059	10·2	...	-2° 208	+23° 468	-4	m	...	...	+4° 293	-31° 721	-5	...	...
...	10° 674	+51° 468	-5	...	...	...	2° 196	+37° 582	-5	m	...	*	4° 395	+38° 378	1° 00	50.II072	9·8
...	10° 560	+40° 225	-5	...	...	*	1° 967	+17° 607	1° 15	50.II065	9·7	*	4° 404	-48° 116	1° 00	51.II236	9·6
...	10° 503	+9° 248	-1	...	...	...	1° 815	+24° 200	-5	...	...	...	4° 601	+34° 165	0° 80	...	...
...	10° 141	-4° 746	-5	...	...	...	1° 705	-23° 140	0° 70	...	...	...	4° 611	+13° 155	-3	...	...
44I	-10° 034	-38° 298	0° 90	...	...	50I	-1° 615	+41° 730	-5	m	...	56I	+4° 657	+59° 113	1° 00	...	...
...	9° 954	+39° 832	-4	...	...	*	1° 613	+37° 989	1° 05	50.II066	9·8	†	4° 890	-52° 889	0° 85	...	...
*	9° 885	-58° 973	2° 40	52.II434	8·3	...	1° 429	-45° 683	-5	...	...	...	4° 900	-53° 536	-4	...	...
...	9° 862	+22° 228	-4	...	...	*	1° 322	+43° 109	1° 05	50.II067	9·6	...	4° 980	+54° 950	-5	...	...
...	9° 784	-6° 890	1° 10	51.II227	10·2	...	1° 102	+29° 490	-4	...	...	...	5° 281	-14° 075	0° 90	...	...
...	-9° 665	-50° 574	0° 70	...	...	...	-1° 003	+21° 578	-4	m	...	*	+5° 481	+23° 582	1° 00	50.II073	10·1
...	9° 534	+37° 594	-3	...	...	*	0° 916	+9° 448	1° 20	50.II068	9·6	*	5° 519	-48° 429	1° 00	51.II237	9·4
...	9° 399	-40° 183	0° 90	51.II228	10·2	...	0° 881	-31° 176	-5	...	...	*	5° 561	+31° 230	1° 00	50.II074	9·8
...	9° 194	+6° 239	-5	...	...	...	0° 848	-33° 151	-3	...	...	*	5° 697	-3° 710	2° 00	51.II239	9·2
...	9° 093	-26° 333	-5	p	...	*	0° 680	+59° 247	1° 40	50.II069	9·2	*	5° 727	-46° 233	1° 00	51.II238	9·6

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
571-630						631-690						691-750					
57I	+ 5.832	-55.105	0.90	...	...	63I	+12.715	-52.454	-5	<i>p</i>	...	69I	+20.721	-15.785	1.15	51.II245	9.4
...	5.985	-0.893	-5	...	...	...	12.740	+50.572	-3	<i>b</i>	...	...	20.833	+11.509	-4	...	...
...	6.104	+12.753	-3	...	...	...	12.839	-16.531	1.00	51.II242	10.2	...	20.980	+55.841	-5	<i>m</i>	...
...	6.246	+40.337	-2	...	...	...	12.989	-23.516	0.90	...	...	...	21.042	+58.214	-5	<i>m</i>	...
...	6.345	-46.130	0.80	...	...	...	13.025	+18.107	-5	<i>m</i>	...	...	21.043	+39.699	-5	...	...
...	+ 6.378	-45.273	-5	<i>p</i>	...	...	+13.113	-36.748	-2	...	...	...	+21.044	+29.804	0.75	...	...
...	6.467	-18.612	-3	...	...	...	13.190	-23.015	-4	...	...	...	21.409	-17.824	0.80	...	...
...	6.614	+29.966	1.00	...	...	...	13.257	+58.393	-3	...	...	...	21.487	-32.166	0.90	...	...
...	6.614	+ 2.009	-3	...	...	...	13.290	-50.380	-5	<i>p</i>	...	...	21.508	-59.350	0.90	...	...
...	6.709	+ 9.388	1.00	50.II075	9.6	...	13.379	-17.603	0.90	...	...	...	21.537	-38.431	-4	...	...
58I	+ 6.717	+57.295	-2	...	...	64I	+13.683	+32.802	-5	...	...	70I	+21.635	+34.635	-4	<i>m</i>	...
...	6.773	+54.895	-3	...	...	...	13.977	-21.930	-5	<i>p</i>	...	...	21.739	-53.234	-2	...	...
...	6.857	+53.821	-5	<i>m</i>	...	...	14.016	+39.036	0.90	...	...	...	21.744	+42.298	-5	<i>m</i>	...
...	7.128	-42.490	1.00	51.II240	9.8	...	14.130	-48.448	-5	...	...	...	21.805	+44.483	-5	<i>m</i>	...
...	7.159	+22.982	0.70	...	...	S *	14.177	-39.628	1.75	51.II243	8.4	...	22.156	+37.498	-5	<i>m</i>	...
...	+ 7.176	+22.537	0.70	...	...	S *	+14.338	+28.610	1.20	50.II077	9.6	...	+22.226	-51.261	-5	<i>p</i>	...
...	7.456	+40.297	-5	<i>m</i>	...	...	14.440	+16.483	-5	<i>m</i>	...	...	22.230	-23.393	-4	...	...
...	7.461	+35.910	-5	<i>m</i>	...	...	14.666	-21.880	0.80	...	...	...	22.267	-47.519	-5	<i>p</i>	...
...	7.497	+11.557	-5	<i>m</i>	...	...	14.908	+14.573	-3	...	...	...	22.327	+47.383	-5	<i>m</i>	...
...	7.670	+27.816	0.85	...	...	...	14.975	-24.209	-2	...	...	...	22.336	-31.050	-3	...	...
59I	+ 7.824	-14.149	-4	...	...	65I	+15.138	-34.588	0.75	...	...	71I	+22.347	-33.918	-4	<i>p</i>	...
...	7.907	+27.033	0.80	...	...	...	15.162	-54.773	-5	<i>p</i>	...	...	22.760	-41.308	0.85	...	...
...	7.919	+ 6.201	-4	<i>m</i>	...	...	15.185	+48.259	-3	...	...	...	22.786	+40.953	0.90	...	...
...	8.032	+15.140	-5	...	...	...	15.298	-44.665	-5	...	...	...	22.866	+51.933	-5	<i>m</i>	...
...	8.225	-16.223	-5	<i>p</i>	...	...	15.603	+ 6.214	-1	...	...	...	22.950	-23.073	-5	...	...
...	+ 8.266	- 3.788	1.90	51.II241	9.2	...	+15.929	+36.109	-5	<i>m</i>	...	...	+22.963	+16.745	1.20	50.II082	9.4
...	8.446	- 9.568	-2	...	...	...	16.115	-50.557	1.00	51.II244	10.2	...	23.045	+52.691	-5	<i>m</i>	...
...	8.707	+10.051	-2	...	...	...	16.430	-25.057	-5	...	...	...	23.112	-30.441	-3	...	...
...	8.838	-49.079	-5	...	...	...	16.569	+45.802	-5	<i>m</i>	...	...	23.216	-20.161	-5	<i>p</i>	...
...	9.104	+28.813	-2	...	...	...	16.683	-48.726	-5	<i>p</i>	...	...	23.868	+18.516	0.95	...	...
60I	+ 9.413	+20.100	-2	...	...	66I	+16.691	-11.674	-5	<i>p</i>	...	72I	+23.994	+49.678	-5	<i>m</i>	...
...	9.547	+ 5.375	-5	...	...	...	16.699	+32.700	-5	<i>m</i>	...	...	24.139	+16.789	0.85	...	...
...	9.584	+12.822	-5	<i>m</i>	...	...	16.739	+37.643	-4	<i>m</i>	...	...	24.140	+35.345	-4	...	...
...	9.845	- 4.646	-3	...	...	...	16.801	+20.760	-2	...	...	...	24.151	+46.474	0.70	...	...
...	9.860	+51.789	-4	...	...	...	16.841	-18.355	-3	...	...	...	24.198	-33.619	-2	...	...
...	+ 9.888	+35.155	-3	...	...	...	+17.073	+14.489	-4	...	...	...	+24.291	-49.676	-3	...	...
...	9.904	+37.753	-3	...	...	...	17.139	+37.237	-5	<i>m</i>	...	...	24.802	-29.862	-5	...	...
...	9.915	+14.887	-3	...	...	...	17.191	+58.983	-5	<i>m</i>	...	...	24.929	- 1.488	-3	...	...
...	10.136	+56.126	0.80	...	...	...	17.406	-30.161	-5	<i>p</i>	...	...	24.954	-28.301	-2	...	...
...	10.603	- 5.755	0.80	...	...	...	17.447	-35.872	0.70	...	...	...	24.964	+39.869	-3	...	...
61I	+10.667	-29.551	-5	<i>p</i>	...	67I	+17.579	+27.484	0.95	...	...	73I	+25.173	-22.272	1.00	51.II246	10.2
...	10.688	-41.185	-4	...	...	...	17.994	- 9.778	-4	...	...	...	25.303	+ 7.962	-4	<i>m</i>	...
S *	10.689	+42.387	1.55	50.II076	9.0	...	18.136	+14.624	0.95	...	...	...	25.430	+47.534	-3	<i>b</i>	...
...	10.797	- 2.427	-4	...	...	...	18.138	+14.790	-3	...	...	...	25.503	+17.267	0.75	...	...
...	10.841	+31.652	0.90	...	...	...	18.224	-23.583	0.85	...	...	...	25.559	+ 8.375	0.70	...	...
...	+10.951	-18.271	-5	<i>p</i>	...	...	+18.497	+ 5.980	1.00	...	...	...	+25.628	+58.810	-5	...	...
...	10.960	+22.026	-4	...	...	...	18.570	+18.444	-5	<i>m</i>	...	...	25.637	- 7.975	1.00	51.II247	10.2
...	11.017	+18.622	-4	<i>m</i>	...	...	18.630	-49.930	-4	...	...	...	25.861	+47.315	-3	<i>b</i>	...
...	11.207	+40.557	-3	...	...	...	18.837	+10.437	1.00	50.II078	10.2	...	25.897	+24.076	-2	...	...
...	11.572	-24.011	-5	<i>p</i>	...	...	18.845	+11.130	1.10	50.II079	9.8	...	26.019	-45.219	1.00	51.II248	9.6
62I	+11.577	+ 4.619	0.90	...	...	68I	+18.986	+40.077	-5	<i>m</i>	...	74I	+26.264	+39.396	-5	<i>m</i>	...
...	11.596	-35.776	0.90	...	...	...	19.326	-37.408	-4	...	...	...	26.436	+56.847	1.10	50.II083	10.2
...	11.859	-58.141	-4	...	...	...	19.372	+41.722	-3	...	...	...	26.969	-47.877	-5	...	...
...	12.010	+47.025	-5	<i>m</i>	...	...	19.516	+48.699	-3	...	...	...	26.997	-22.329	0.65	...	...
...	12.187	+33.067	0.95	...	...	...	19.598	-30.280	-5	...	...	...	27.045	+20.214	-5	<i>m</i>	...
...	+12.250	+39.065	-2	...	...	...	+19.774	+24.980	-5	<i>m</i>	...	...	+27.054	-51.054	1.30	51.II249	9.2
...	12.287	+50.689	-5	<i>m</i>	...	...	19.964	- 6.039	-5	<i>p</i>	...	...	27.093	+35.045	-5	<i>m</i>	...
...	12.617	+51.944	-4	<i>m</i>	...	...	20.316	+52.147	-5	<i>m</i>	...	...	27.286	+40.012	-5	<i>m</i>	...
...	12.651	-46.602	-5	...	...	...	20.351	+40.117	0.70	...	...	...	27.421	-46.536	-5	...	...
...	12.664	-39.841	0.75	...	...	...	20.618	+39.983	-5	<i>m</i>	...	...	27.464	-34.896	0.80	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
751-810						811-870						871-930					
75I	+27°564	+41°075	1°00	50.II084	9·6	8II	+33°459	-17°230	-3	...	...	87I	+40°324	+19°190	1°15	50.II097	9·4
...	27°750	+37°104	-2	...	...	...	33°653	+27°486	-4	...	...	...	40°397	+52°197	1°00	...	...
...	27°761	+1°639	0°90	...	...	*	33°707	-44°612	1°00	51.II253	10·2	...	40°403	-29°449	-4	...	...
...	27°768	+57°317	0°85	...	...	*	33°757	+46°868	1°20	50.II091	9·8	...	40°453	-44°279	-3	...	...
...	27°843	+27°035	-5	m	...	...	33°970	+31°457	-5	m	...	...	40°513	-43°950	-3	...	...
...	+27°911	-7°508	-5	...	...	...	+34°046	-38°861	0°90	...	...	...	+40°613	-31°533	-2	...	...
...	28°125	-53°275	-3	...	...	...	34°182	-30°599	-4	...	...	...	40°745	-32°794	0°95	...	...
...	28°269	+52°390	0°90	...	...	...	34°267	-21°074	0°80	...	...	...	40°773	-27°515	-5	...	...
*	28°358	+54°914	1°35	50.II085	9·7	...	34°292	-43°999	-4	...	...	...	40°885	-38°150	0°75	...	...
...	28°486	+57°370	-3	...	...	...	34°303	+14°990	-4	m	...	...	40°936	-16°418	-2	...	...
76I	+28°529	+22°450	-3	a	...	82I	+34°357	+26°546	1°00	50.II092	10·1	88I	+40°953	-8°615	0°85	...	...
...	28°771	+54°582	2°00	50.II086	8·6	...	34°467	+36°535	-2	...	...	...	41°027	-1°140	-5	...	...
...	29°075	-46°578	-4	...	...	...	34°467	-55°471	0°65	...	...	S *	41°064	+31°230	2°75	50.II099	7·9
...	29°323	+41°653	-5	m	...	†	34°629	-59°089	0°75	...	...	...	41°186	-57°179	-5	...	...
...	29°533	-52°963	-5	...	...	...	35°149	-21°699	0°85	...	...	...	41°208	+17°367	0°90	...	...
...	+29°566	+46°862	-2	...	...	...	+35°159	+33°606	0°90	...	...	*	+41°308	+54°835	1°05	50.II098	10·1
†	29°623	+59°588	1°00	...	...	...	35°329	+14°019	0°80	...	...	*	41°606	+28°464	1°00	50.II100	9·8
†	29°641	+27°560	-2	...	...	...	35°424	-23°906	-4	...	...	S *	41°743	+1°429	1°25	51.II255	9·2
...	29°815	+53°142	-5	m	...	...	35°489	-48°176	0°65	...	...	*	41°922	+9°679	1°00	50.II102	10·2
†	29°849	+29°775	-4	m	...	...	35°489	-41°700	-4	...	...	...	42°041	+53°462	-5	m	...
77I	+29°893	+30°713	-2	...	...	83I	+35°679	+21°013	-5	m	...	89I	+42°079	-39°625	-5	...	...
...	29°898	+26°910	0°90	...	...	...	35°695	+43°057	0°65	...	...	...	42°163	+3°786	0°75	...	...
...	29°962	+34°146	0°90	...	...	...	35°978	-0°347	-5	...	...	*	42°361	+7°010	1°00	50.II104	10·1
...	30°294	-28°159	-4	...	...	...	36°054	+21°374	0°90	...	...	...	42°400	+7°264	-3	...	...
...	30°697	+21°678	-5	m	...	...	36°158	-32°844	-4	...	...	†	42°404	-10°125	1°00	51.II256	9·8
...	+30°760	-27°478	-5	...	...	...	+36°334	+37°336	-5	m	...	...	+42°477	-25°939	-5	...	...
...	30°964	-13°555	-5	...	...	...	36°452	+9°113	-4	...	...	*	42°590	+47°239	1°00	50.II101	10·1
...	30°967	-56°241	-1	...	...	...	36°565	-25°949	-4	...	...	...	42°595	+17°579	-5	m	...
...	31°020	-27°746	-5	...	...	*	36°921	+39°404	1°00	50.II093	10·1	...	42°624	+32°351	-5	m	...
*	31°065	+46°355	1°05	50.II087	10·0	*	36°926	+1°818	1°15	51.II254	9·8	*	42°626	+46°269	1°10	50.II103	9·4
78I	+31°216	-0°941	0°70	...	...	84I	+36°998	-40°508	-4	...	...	90I	+42°770	-11°622	1°05	51.II257	9·6
...	31°232	+48°077	-5	m	...	...	37°279	+6°718	1°00	50.II095	9·9	†	42°816	+54°657	-5	m	...
...	31°307	-41°508	-4	...	...	...	37°309	-52°910	-5	p	...	...	42°837	-22°169	0°70	...	...
...	31°517	+51°559	0°65	...	...	...	37°610	-44°150	-5	p	...	*	42°967	+9°992	1°00	...	...
*	31°519	+28°968	1°00	50.II088	10·2	...	37°664	+39°158	-5	m	...	...	43°008	+25°425	0°80	...	...
...	+31°585	-24°898	0°90	...	...	...	+38°027	+47°920	0°90	...	...	...	+43°096	-13°076	-3	...	...
...	31°610	+38°952	-2	...	...	...	38°103	-37°077	0°70	...	...	...	43°104	+2°157	-3	...	...
...	31°612	-13°381	-5	...	...	...	38°216	+3°632	-4	m	...	...	43°298	+8°056	-5	m	...
...	31°656	-1°128	-4	...	...	*	38°233	+38°443	1°70	50.II096	8·8	...	43°599	+28°085	-5	m	...
*	31°656	-50°133	1°20	51.II250	9·6	...	38°475	+30°215	-4	m	...	*	43°789	-32°423	1°35	51.II258	9·2
79I	+31°762	+16°951	-5	m	...	85I	+38°518	+7°184	-4	m	...	91I	+43°799	-3°509	-5	p	...
...	31°902	+32°833	0°85	...	...	...	38°578	+22°360	-5	m	...	...	43°864	-50°413	-5	...	...
...	31°972	-58°151	0°65	...	...	...	38°716	-35°261	-5	p	...	...	44°016	-30°547	-5	...	...
...	32°124	+57°000	-5	m	...	...	38°717	+51°992	-5	m	...	...	44°265	+45°119	-5	m	...
*	32°216	+58°302	1°15	50.II089	10·1	...	38°732	-31°880	-5	...	...	...	44°382	+41°583	-3	...	...
...	+32°293	-30°306	-5	...	...	...	+38°796	+13°033	-5	m	...	...	+44°407	-34°596	-5	...	...
...	32°329	+44°579	0°75	...	...	...	38°918	-18°100	-5	...	...	...	44°511	+49°321	-5	m	...
...	32°374	-53°359	-5	...	...	...	38°964	+2°667	-5	m	...	†	44°677	-32°775	0°95	...	...
...	32°521	+2°330	-5	m	...	...	38°971	-24°930	-4	...	...	...	44°785	-37°309	0°70	...	...
...	32°530	+51°082	-1	...	...	...	39°009	+16°957	-5	m	...	...	44°856	-11°404	-5	...	...
80I	+32°729	-27°096	1°00	...	...	86I	+39°056	-56°553	-2	...	...	92I	+44°910	+45°753	-5	m	...
*	32°788	-53°374	1°20	51.II251	9·4	...	39°143	+35°489	-5	m	...	...	44°972	-4°176	-5	...	...
...	32°856	-12°249	-4	...	...	...	39°164	-42°251	0°70	...	...	...	45°106	+19°108	-3	...	...
...	33°176	+28°541	-5	...	...	...	39°252	-43°670	-4	...	...	...	45°412	-45°984	-5	...	...
...	33°181	-9°259	0°70	...	...	...	39°300	+58°710	-4	m	...	...	45°421	-15°773	0°70	...	...
*	+33°311	-28°587	1°10	51.II252	10·2	...	+39°742	+43°024	-5	m	...	...	+45°532	-10°814	0°65	...	...
...	33°313	+30°096	0°90	...	...	...	39°859	-47°855	-4	...	...	...	45°560	-47°799	-5	...	...
*	33°335	+55°557	2°00	50.II090	8·8	...	39°865	-26°006	-5	p	...	...	46°091	+4°674	-5	m	...
...	33°387	+40°259	-4	m	...	...	40°093	+14°146	-3	...	...	*	46°255	+53°405	1°90	50.II105	9·0
...	33°434	-37°779	0°70	...	...	†	40°213	-0°132	0°75	...	...	...	46°329	-7°812	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
931-970						971-1010						1011-1044					
93I	+46'47I	-23'908	0.85	o	...	97I	+50'403	-31'169	0.70	o	...	IOII	+55'24I	+35'845	-5	m	...
...	46'594	-18'420	-3	...	...	...	50'909	-27'457	-5	...	...	...	55'266	+50'620	-5	m	...
...	46'732	+11'746	-5	m	...	...	51'000	+10'823	0.95	...	...	...	55'309	+25'21I	0.70	...	...
...	46'737	-6'252	-5	...	...	...	51'393	+5'915	-2	...	...	...	55'327	-1'577	-5	...	...
...	46'743	+52'067	-1	...	...	...	51'72I	+21'333	-3	a	...	...	55'500	-52'005	-5	e	...
...	+47'104	+41'175	-3	...	...	...	+51'753	-12'764	-2	...	...	*	+55'525	-6'084	0.90	e	...
...	47'265	-57'069	-5	...	...	*	51'826	-48'51I	1.00	e	...	...	55'596	+46'859	-4	e	...
...	47'316	+8'546	0.80	...	...	...	51'897	-18'23I	-3	...	...	...	55'619	-16'096	-5	...	...
...	47'325	+49'380	-5	m	...	...	52'014	+23'349	-3	d	...	...	55'688	-36'990	-5	e	...
...	47'434	-23'238	-4	...	...	...	52'265	+15'163	0.70	...	...	...	55'933	-2'880	-5	...	...
94I	+47'437	-4'83I	-2	...	...	98I	+52'428	-53'666	1.15	51.II26I	9.8	IO2I	+56'424	+11'579	-5	e	...
...	47'544	-34'105	0.85	...	...	e *	52'489	+32'727	-5	m	...	*	56'575	-9'864	1.00	e	...
...	47'636	+56'38I	-5	m	...	...	52'49I	-17'400	-2	...	...	...	56'762	-41'210	0.95	e	...
*	47'705	-13'666	1.00	51.II259	9.8	...	52'512	-24'530	-4	e	...	...	57'118	-22'446	-5	p	...
...	47'774	+4'577	-5	m	...	...	52'532	-26'183	0.95	e	...	...	57'405	+3'280	-5	e	...
...	+47'926	-53'388	-4	...	...	...	+52'562	+7'599	-4	...	...	...	+57'405	-41'322	0.80	e	...
...	48'030	-50'995	-1	...	...	...	52'658	-17'290	0.70	...	...	...	57'440	-12'786	0.90	e	...
...	48'143	+53'627	-2	...	...	...	52'752	+53'293	-2	a	...	...	57'524	-10'926	-4	e	...
...	48'326	-32'734	-5	...	...	...	52'858	+52'350	-4	m	...	...	57'553	-19'730	-5	...	...
...	48'380	+51'743	-5	m	...	...	53'03I	-25'832	0.75	e	...	...	57'656	+7'080	0.85	...	...
95I	+48'532	-37'667	-5	p	...	99I	+53'266	-29'305	-5	...	...	IO3I	+57'999	-52'240	-1	e	...
...	48'56I	+34'61I	-5	m	...	...	53'273	+6'073	-5	m	...	...	58'063	+1'293	-4	e	...
...	48'634	-17'220	0.85	...	...	...	53'316	+51'395	-5	m	...	...	58'199	-31'107	-5	...	...
...	48'689	+39'009	0.90	...	...	...	53'380	+58'874	-5	m	...	*	58'313	+30'127	1.20	50.III106	9.6
...	48'733	+56'49I	-1	...	...	...	53'960	-18'708	-5	e	...	...	58'336	+59'310	-5	m	...
...	+48'886	+37'19I	1.00	...	...	...	+53'967	-24'687	-5	p	...	...	+58'679	-50'61I	-5	e	...
...	49'016	-3'024	-5	...	...	...	54'039	+0'187	-2	...	...	...	58'745	+21'477	-5	m	...
...	49'036	-9'859	-5	...	...	...	54'055	+3'227	-5	e	...	...	58'799	+6'618	-3	...	...
...	49'106	+31'833	0.70	...	...	...	54'136	-42'075	0.90	e	...	†	58'984	-25'139	-4	e	...
...	49'123	-11'994	0.75	...	...	...	54'306	-59'078	-5	...	...	...	59'245	-28'984	-5	e	...
96I	+49'317	+58'395	-5	m	...	IOOI	+54'393	+16'935	0.70	...	...	IO4I	+59'288	-3'85I	-5	p	...
...	49'340	+31'828	-5	m	...	...	54'449	-33'120	-3	e	...	e †	59'442	-25'180	1.10	51.II262	9.6
...	49'47I	+28'893	-5	m	...	...	54'677	+43'178	-3	a	...	†	59'54I	-8'389	-4	e	...
...	49'513	+40'413	0.70	...	...	...	54'693	-10'887	0.70	e	...	†	59'549	+15'425	1.00	50.III107	9.9
S †	49'538	-44'902	1.15	51.II260	9.2	...	54'705	+26'927	-4	e	...	...					
...	+49'877	-40'485	-4	...	...	...	+54'967	-2'488	-3	e	...	...					
...	49'913	+7'579	-5	m	...	...	55'026	+29'078	-3	...	...	...					
...	50'006	+20'268	-5	m	...	...	55'086	-43'578	-2	e	...	...					
...	50'059	-8'668	-4	...	...	...	55'088	-12'247	-5	e	...	...					
...	50'345	+19'377	-4	m	...	...	55'199	-22'909	0.85	e	...	...					

1-10						11-20						21-30					
I	-59'797	-24'673	-5	°E	...	II	-59'023	+25'115	-3	...	...	2I	-57'167	-22'95I	0.90	°E	...
...	59'700	-26'333	-1	E	...	...	58'676	-53'793	1.05	51.II26I	9.8	...	56'438	-43'606	-4	E	...
†	59'683	+26'795	-5	E	...	...	58'596	-18'813	-5	E	...	†	56'334	-9'867	0.90	E	...
†	59'635	+46'746	-5	E	...	...	58'244	-2'565	-3	E	...	*	56'242	+30'144	1.30	50.III106	9.6
...	59'610	+16'809	-2	...	...	...	58'178	-10'967	-2	E	...	...	56'106	-37'005	-5	E	...
...	-59'494	-48'679	-1	E	...	...	-57'753	-12'314	-5	E	...	...	-56'052	+3'292	-5	E	...
...	59'489	+28'964	-5	...	...	...	57'538	-6'143	0.85	E	...	...	55'95I	+7'096	0.85	...	...
...	59'378	+3'108	-5	E	...	...	57'517	-33'189	-5	E	...	...	55'693	-52'028	-5	E	...
†	59'274	+0'074	0.70	...	...	...	57'452	-42'145	-2	E	...	...	55'350	-12'749	0.90	E	...
...	59'229	-25'958	-3	E	...	...	57'375	+11'54I	-5	E	...	...	55'344	-10'89I	-5	E	...

L measured from 1, 352, 701.
MC " " 155, 524, 875.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
31-90						91-150						151-210					
3I	-55°310	+1°335	-5	E	...	9I	-47°252	+2°431	-5	M	...	15I	-40°522	+6°808	-5	...	...
†	54°867	-41°167	-1	E	...	...	47°180	+40°189	-2	...	...	...	40°424	+7°011	-5	...	...
*	54°398	+15°514	1·00	50.III107	9·9	...	46°735	+20°712	-5	...	...	...	40°321	-27°247	-5	...	...
...	54°379	+36°370	-5	M	...	...	46°730	+19°237	-5	M	...	...	40°078	-26°638	-5	...	...
...	54°344	+45°898	-5	...	...	...	46°675	+1°693	-3	B	...	...	39°729	-41°401	-4	...	...
...	-54°219	-41°259	-3	E	...	...	-46°558	+44°764	-4	...	...	...	-39°380	-58°153	-2	...	...
...	54°111	+23°018	-1	...	...	...	46°353	+20°778	-3	...	...	...	39°301	+25°421	-4	M	...
...	54°055	+39°461	-1	...	...	...	46°091	+9°658	-5	M	...	...	39°232	-23°453	-5	p	...
...	53°438	-8°265	-4	E	...	...	46°044	+40°318	-2	...	...	...	39°166	-25°214	-4	...	...
...	53°300	-25°030	-5	E	...	...	45°973	-28°937	-5	p	...	...	39°066	-12°119	-4	...	...
4I	-53°247	+53°584	1·20	50.III108	9·8	10I	-45°948	-47°971	1·35	51.II269	9·2	16I	-38°992	-23°070	-1	...	...
*	53°237	+9°828	0·95	...	...	...	45°671	+8°317	-3	...	...	*	38°957	+13°488	1·20	50.III15	9·8
*	53°215	-8°772	1·05	51.II263	9·8	*	45°592	-23°357	0·95	...	...	...	38°891	-52°531	-4	...	...
...	53°180	-52°136	-4	E	...	...	45°589	+14°551	-3	...	...	...	38°859	-41°988	-2	...	...
...	53°143	+8°761	0·80	...	...	...	45°440	-10°969	-5	...	...	...	38°833	+37°501	-5	M	...
...	-53°104	+4°278	0·80	...	...	...	-45°383	-24°526	-5	...	...	...	-38°589	+45°756	-5	M	...
...	52°880	-28°849	-5	E	...	†	45°382	+39°847	1·00	50.III10	9·6	...	38°523	+4°516	-4	M	...
E *	52°844	-25°058	1·10	51.II262	9·6	...	45°254	+0°581	-5	M	...	...	38°295	+41°303	-5	M	...
...	52°746	+30°981	-3	...	...	*	45°111	+45°529	3·00	50.III11	8·4	...	38°117	+30°756	-4	M	...
...	52°651	+45°424	-5	M	...	...	45°010	-5°173	1·40	51.II270	9·2	...	38°067	-26°570	0·80	...	...
5I	-52°560	-50°472	-5	E	...	III	-45°000	-9°642	-5	...	...	17I	-38°017	-41°622	-3	...	...
...	52°540	+48°827	-4	...	...	†	44°999	-23°758	-5	...	...	...	37°991	+26°765	-5	M	...
...	52°536	-15°934	-5	p	...	†	44°847	-22°699	-5	...	...	...	37°983	-0°775	-4	...	...
...	52°463	+10°130	-4	...	...	...	44°701	+15°799	-4	M	...	...	37°954	+16°950	-5	M	...
...	52°198	-11°484	-3	...	...	...	44°699	+1°508	-4	M	...	...	37°920	+21°199	0·90	...	...
...	-52°107	-38°631	0·85	51.II264	10·2	...	-44°169	-14°484	-4	...	...	...	-37°817	+19°493	-5	M	...
...	51°991	-2°127	-3	...	...	...	44°100	-49°926	-5	...	...	...	37°740	-53°580	-4	...	...
...	51°990	+48°703	-5	...	...	...	44°056	+40°929	-3	...	...	...	37°721	-43°002	-5	p	...
...	51°810	+56°193	-5	...	...	...	44°054	-8°074	-5	...	...	*	37°597	+34°779	1·30	50.III16	9·6
...	51°777	+18°428	-1	...	...	...	43°807	+35°224	-3	...	...	...	37°454	-55°434	-1	...	...
6I	-51°727	+56°013	-5	...	...	12I	-43°774	-3°655	-2	...	...	18I	-37°433	+1°736	-4	M	...
*	51°388	-33°954	1·30	51.II265	9·4	...	43°717	-27°853	-5	...	...	...	37°312	-14°667	-3	...	...
...	51°314	+29°039	-5	...	...	*	43°543	+52°741	2·00	50.III12	9·4	...	37°197	+5°129	-5	M	...
...	51°285	-2°803	-2	...	...	...	43°374	-35°732	-3	...	...	...	37°158	-52°287	-5	p	...
*	51°246	+1°287	1·20	51.II266	9·6	...	43°230	-47°254	-3	...	...	*	37°024	-46°018	1·50	51.II271	9·4
...	-51°116	-28°211	-5	p	...	...	-43°225	+7°227	-5	M	...	...	-36°922	-11°097	-4	...	...
...	50°559	-51°035	-3	...	...	...	43°203	+17°013	-4	M	...	...	36°867	+36°176	-4	M	...
...	50°339	+1°664	-3	...	...	*	43°090	+52°557	1·90	50.III13	9·4	...	36°821	-1°413	-2	...	...
...	50°305	-25°936	0·90	...	...	...	42°943	-20°062	-5	...	...	*	36°560	+30°063	1·00	50.III17	10·2
...	50°095	+7°753	-2	...	...	...	42°941	-12°170	0·85	...	...	...	36°547	+18°133	0·80	...	...
7I	-50°043	-1°370	-5	...	...	13I	-42°870	-17°575	-4	...	...	19I	-36°499	+27°993	-5	M	...
†	49°831	+48°501	-5	M	...	...	42°862	+22°010	-4	...	...	...	36°476	-55°399	-4	...	...
...	49°820	-28°222	-5	...	...	...	42°801	+18°236	-5	M	...	...	35°931	+29°035	-3	B	...
†	49°809	-26°304	1·00	...	...	...	42°784	-22°722	0·75	...	...	...	35°927	+20°542	-5	M	...
...	49°784	-6°540	-4	...	...	...	42°463	-18°813	-5	p	...	...	35°885	-41°268	0·90	...	...
...	-49°224	+59°747	-5	M	...	...	-42°255	-6°708	-4	...	...	†	-35°848	+19°907	-2	...	...
...	49°211	+1°038	-5	M	...	...	42°123	+17°547	-5	M	...	...	35°796	+26°332	-3	...	...
...	49°206	+26°288	-4	...	...	...	41°961	-32°436	-4	...	...	...	35°710	-6°452	-3	...	...
*	49°038	+43°168	1·90	50.III109	9·2	...	41°742	+30°753	-5	M	...	...	35°619	-36°588	-4	...	...
...	48°455	+6°253	-5	M	...	...	41°656	-27°810	-5	...	...	...	35°433	+51°616	-5	M	...
8I	-48°455	+4°930	-5	...	...	14I	-41°511	+2°903	-4	M	...	20I	-35°250	-3°170	-4	...	...
...	48°230	+17°028	-5	M	...	...	41°437	+28°229	-5	M	...	...	35°249	+28°738	-5	M	...
...	48°212	-53°584	-3	...	...	...	41°340	+6°579	-4	...	...	...	35°183	+18°344	-4	M	...
...	48°096	-24°586	0·90	...	...	...	41°271	-11°714	-5	...	...	...	34°789	-47°579	-5	p	...
...	48°068	+6°022	0·90	...	...	...	41°266	-39°097	-5	...	...	...	34°677	+2°302	0·65	...	...
...	-47°939	-53°749	-5	...	...	*	-41°013	+34°614	1·00	...	...	...	-34°485	+37°689	-5	M	...
...	47°745	-17°563	0·90	51.II268	10·2	...	40°987	-21°341	-5	...	...	*	34°326	+29°807	1·20	50.III18	10·0
*	47°558	-47°282	1·00	51.II267	9·6	...	40°832	+10°070	-5	M	...	*	34°297	+1°820	2·50	51.II272	8·4
...	47°413	-35°319	0·80	...	...	*	40°811	+50°567	1·30	50.III14	9·4	...	33°948	+49°194	-3	...	...
...	47°316	+3°096	-3	...	...	...	40°555	-12°024	-2	...	...	...	33°928	-17°982	0·85	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
211-270						271-330						331-390					
2II	...	...	...	...	...	27I	...	...	...	...	...	33I	...	...	...	...	...
...	-33·927	-18·847	-5	...	...	...	-28·187	+35·923	-3	...	...	...	-21·845	-59·374	-5	p	...
...	33·871	+45·811	-4	...	...	...	28·102	-25·233	-4	...	...	...	21·818	+35·779	-5	M	...
...	33·846	+41·578	-3	...	...	...	28·085	+59·292	-4	...	...	...	21·610	+3·880	0·65	...	...
...	33·832	-26·097	-2	...	...	...	27·822	-6·869	-4	...	...	...	21·545	-37·431	-4	...	...
...	33·810	-59·176	-3	...	...	...	27·737	-7·934	-2	...	...	...	21·439	-56·951	-5	p	...
...	-33·710	+18·803	-3	...	...	...	-27·474	+52·271	1·00	...	...	*	-21·391	+18·609	1·00	...	...
...	33·550	-41·131	-4	...	...	...	27·464	-21·650	-5	...	...	...	21·309	-38·683	0·90	...	...
...	33·232	-11·477	0·80	...	...	...	27·455	+52·571	-3	...	...	...	21·279	+13·337	-5	M	...
...	33·040	+6·933	-4	M	...	...	27·305	+58·450	-3	...	...	...	21·032	+2·926	-5	M	...
...	33·038	-4·829	-5	...	...	...	27·297	-57·447	-5	p	...	...	20·953	-27·527	-3	...	...
22I	...	...	...	...	...	28I	...	...	...	...	...	34I	...	...	...	...	...
...	-32·845	+28·917	-3	...	...	...	-27·268	-54·269	-5	...	...	...	-20·935	+31·888	-5	M	...
...	32·770	-19·576	-4	...	...	...	27·200	+39·694	-4	M	...	...	20·924	-16·347	-1	...	...
...	32·747	+6·952	-4	M	...	...	26·949	+11·774	-5	M	...	...	20·868	-8·394	-5	p	...
...	32·409	-43·096	-5	p	...	...	26·891	-45·993	1·20	5I.II275	9·8	...	20·527	-42·191	-5	...	...
S *	32·325	+13·071	2·30	50.III19	8·4	*	26·832	-1·053	2·10	5I.II276	8·6	...	20·448	+29·104	-5	M	...
...	-31·899	+5·243	-5	M	...	...	-26·779	+29·413	-2	...	...	...	-20·271	-39·451	-4	...	...
*	31·836	+15·666	1·00	50.III20	10·1	*	26·722	+37·213	1·00	50.III21	10·0	...	20·246	+5·339	-4	M	...
...	31·811	-55·611	-5	p	...	...	26·437	-50·639	-3	...	...	...	20·235	+45·096	-4	M	...
...	31·808	+5·056	-2	...	...	...	26·322	+13·231	-4	M	...	*	20·076	+44·922	1·00	50.III25	10·1
...	31·800	+29·514	-3	...	...	...	26·187	+44·523	-4	M	...	...	20·063	+11·301	-3	...	...
23I	...	...	...	...	...	29I	...	...	...	...	...	35I	...	...	...	...	...
...	-31·725	+7·656	-5	M	...	...	-26·177	-11·760	-3	...	...	...	-19·961	+41·110	-2	...	...
...	31·671	-58·034	-5	p	...	*	26·104	+3·541	1·00	50.III22	9·8	...	19·749	-48·512	0·75	...	...
...	31·626	+36·513	-3	...	...	...	25·983	+25·687	-5	M	...	...	19·664	-26·845	0·85	...	...
...	31·237	+18·679	-3	...	...	...	25·639	-33·752	-4	...	...	...	19·584	-28·142	0·65	...	...
...	31·150	-33·657	-5	p	...	...	25·524	+4·522	-4	M	...	...	19·543	-50·199	0·95	5I.II279	10·2
...	-30·974	-34·218	-4	...	...	...	-25·506	-14·047	-5	...	...	...	-19·425	-35·995	-5	p	...
...	30·941	-31·126	-3	...	...	...	25·296	+17·054	-4	M	...	*	19·397	+20·347	0·90	...	...
...	30·880	+35·949	-1	...	...	...	25·203	+16·259	-2	...	...	*	19·304	-48·108	1·05	5I.II280	9·8
...	30·860	+4·932	-3	...	...	†	25·062	-35·655	1·00	5I.II277	9·6	...	19·262	-43·810	-2	...	...
...	30·806	+36·613	-5	M	...	*	25·006	+43·056	0·95	50.III23	10·2	...	19·066	-31·078	0·75	...	...
24I	...	...	...	...	...	30I	...	...	...	...	...	36I	...	...	...	...	...
...	-30·792	+6·069	-4	M	...	...	-24·778	+27·932	-5	M	...	S *	-18·966	+38·839	2·00	50.III27	8·8
...	30·755	+58·229	-5	M	...	...	24·593	+47·579	-3	...	...	†	18·929	-5·063	0·90	5I.II281	10·2
...	30·713	+53·794	-3	...	...	...	24·511	+56·913	-2	...	...	...	18·864	+45·064	-5	M	...
...	30·681	-6·968	-4	...	...	*	24·354	+39·460	3·20	50.III24	7·5	...	18·514	+43·005	-5	M	...
...	30·615	+3·473	-5	M	...	...	24·137	-25·832	-5	p	...	*	18·371	+10·843	1·20	50.III28	9·2
...	-30·580	+6·217	-5	M	...	...	-24·123	-40·830	-4	...	...	...	-18·197	+18·080	-5	M	...
...	30·333	+32·448	-5	M	...	...	23·990	-17·631	-5	...	...	...	17·962	+25·796	-5	M	...
...	30·260	+17·156	-2	...	...	...	23·945	-27·098	-5	...	...	...	17·927	-14·022	0·70	...	...
...	30·113	-46·356	-4	...	...	...	23·941	+51·647	-2	...	...	...	17·902	+21·052	0·75	...	...
...	30·102	+47·725	-1	...	...	...	23·782	-47·860	-4	...	...	...	17·815	+18·831	-5	M	...
25I	...	...	...	...	...	31I	...	...	...	...	...	37I	...	...	...	...	...
...	-30·065	+55·556	-5	M	...	...	-23·760	-17·942	-5	p	...	...	-17·749	+58·375	-5	...	...
†	29·860	+27·119	-3	...	...	...	23·759	-45·731	-3	...	...	...	17·582	+37·802	-3	A	...
...	29·831	-24·057	0·90	...	...	...	23·727	+14·755	-4	...	...	...	17·401	+52·144	-5	M	...
...	29·807	+13·305	-4	...	...	...	23·643	-20·743	-5	p	...	...	17·381	-53·492	-5	...	...
...	29·734	-25·915	-3	...	...	...	23·549	-54·515	-5	p	...	...	17·161	-35·195	-5	p	...
S †	-29·648	-29·862	1·30	5I.II273	9·0	...	-23·530	-56·977	-3	...	...	...	-17·068	-25·932	0·70	...	...
...	29·383	-8·534	-5	p	...	...	23·413	+11·509	-4	M	...	...	16·799	+52·675	-4	...	...
...	29·223	-10·348	-3	...	...	...	23·368	+40·325	-5	M	...	...	16·776	+30·178	0·65	A	...
...	29·029	+16·946	0·70	...	...	...	23·276	+51·395	-5	M	...	*	16·768	-55·468	1·00	5I.II282	10·2
...	29·019	-58·670	-3	...	...	...	23·178	+13·060	-3	...	...	...	16·726	-12·635	-5	...	...
26I	...	...	...	...	...	32I	...	...	...	...	...	38I	...	...	...	...	...
...	-28·926	+27·056	-3	...	...	...	-22·894	-49·035	-3	...	...	...	-16·625	-48·043	-2	...	...
...	28·890	+0·687	-3	...	...	...	22·638	+8·764	-5	M	...	...	16·380	+4·440	-4	M	...
...	28·797	+34·279	-4	...	...	...	22·609	+57·911	-4	M	...	...	16·111	-40·588	-5	p	...
*	28·732	-52·818	1·10	5I.II274	9·8	...	22·402	-5·498	1·00	5I.II278	10·2	...	16·096	+26·423	0·75	...	...
...	28·611	-45·186	-5	p	...	...	22·245	-42·922	-2	...	...	†	16·073	+59·697	-5	...	...
...	-28·572	-41·277	-4	p	...	...	-22·237	-14·416	-2	...	...	...	-16·069	-36·603	-4	...	...
...	28·355	-12·330	-3	...	...	...	22·193	+0·995	-3	B	...	...	15·801	-23·531	-5	p	...
...	28·245	+40·267	-3	...	...	...	22·113	+13·337	-4	...	...	...	15·749	+34·341	-5	M	...
...	28·232	+13·780	0·70	...	...	...	22·015	-26·107	0·85	...	...	...	15·400	-33·129	0·70	...	...
...	28·218	-24·077	-3	...	...	...	21·943	+23·422	-5	M	...	...	15·367	-19·572	0·90	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	δ .		No.	Mag.		α .	δ .		No.	Mag.		α .	δ .		No.	Mag.
391-450						451-510						511-570					
39I †	-15.341	+14.949	-3	...	...	45I ...	-8.675	+51.409	-5	M	...	51I ...	-1.850	-2.698	-5	p	...
...	15.226	-4.696	-5	...	...	...	8.672	-55.250	-3	...	...	...	1.532	-49.559	-5	...	...
...	15.158	+28.622	-5	M	...	...	8.644	+22.854	-4	...	...	...	1.514	-51.920	0.95	...	...
†	15.062	-20.749	-3	...	...	...	8.595	+42.364	-5	M	...	...	1.446	+10.518	-5	Mm	...
†	15.034	-2.550	0.90	51.II283	10.0	...	8.460	+28.069	0.80	...	...	...	1.304	-7.401	0.65	...	...
...	-14.755	+37.253	-5	M	...	...	-8.437	-17.140	-5	...	...	...	-1.270	+22.053	-5	M	...
...	14.570	+52.012	-4	...	...	...	8.294	-15.669	0.90	...	...	*	1.006	-54.193	1.00	...	...
...	14.043	+32.260	-5	M	...	...	8.265	-0.847	-2	...	...	†	0.994	-9.970	1.00	51.II292	9.8
...	13.917	+44.674	-5	M	...	...	8.206	-1.578	-5	p	...	...	0.969	-27.197	-2	...	...
...	13.850	-0.422	-2	...	...	...	8.183	-52.027	-5	p	...	*	0.824	-27.791	1.00	51.II293	9.6
40I ...	-13.826	-7.049	-5	...	...	46I *	-8.159	-2.815	1.00	51.II288	10.2	52I ...	-0.507	-35.826	-2	...	...
...	13.692	-33.530	0.80	...	...	*	8.088	-18.104	2.00	51.II287	9.0	...	0.260	-21.735	-5	p	...
...	13.600	+43.907	0.95	...	...	...	7.938	+24.157	-4	...	...	...	0.252	+4.192	-5	Mm	...
...	13.562	+17.273	-3	...	...	...	7.909	+59.469	-5	M	...	*	-0.042	-59.578	0.95	...	...
...	13.523	-51.285	-4	...	...	...	7.832	+24.961	0.80	...	...	...	+0.242	-35.763	-3	...	...
*	-13.342	-11.182	1.20	51.II284	9.2	*	-7.493	+58.693	2.10	50.III29	8.6	...	+0.305	-6.628	-3	...	...
...	13.332	+37.552	-4	...	...	...	6.806	+18.966	-4	M	...	*	0.348	-14.974	0.95	51.II294	9.8
...	13.100	-46.314	-1	...	...	*	6.492	-26.155	1.15	51.II289	9.4	...	0.383	-50.025	-5	p	...
...	12.961	+6.691	-5	M	...	...	6.367	+6.612	-2	...	...	...	0.537	+7.424	-5	Mm	...
...	12.931	+37.096	-3	...	...	...	6.234	-33.604	-5	p	...	...	0.575	+38.846	-5	Mm	...
41I ...	-12.773	-14.477	0.70	...	...	47I ...	-6.208	+39.302	-5	M	...	53I ...	+0.788	+34.745	-4	M	...
*	12.698	-25.329	1.00	51.II285	10.2	*	6.203	+18.867	1.00	50.III30	9.7	...	0.792	-29.382	-5	...	...
...	12.575	+33.497	-5	M	...	...	6.012	-20.195	0.70	...	...	...	0.985	+4.105	-2	...	...
...	12.400	-15.733	-5	...	...	...	5.983	-16.226	-5	p	...	...	1.134	+47.835	-2	...	...
...	12.326	+45.419	-4	...	...	...	5.941	+21.763	-5	M	...	*	1.152	+40.834	1.00	50.III32	10.1
...	-12.297	+6.545	0.85	...	...	...	-5.821	+9.200	-5	M	...	...	+1.227	-15.762	-5	p	...
...	12.162	+35.361	-5	M	...	...	5.804	+59.581	-4	...	...	S *	1.323	-39.865	1.40	51.II295	9.0
...	12.086	+35.677	-5	M	...	...	5.794	-2.963	-5	p	...	...	1.418	-31.029	-4	...	...
...	12.002	+33.903	-4	M	...	...	5.749	-18.833	-5	p	...	...	1.470	-51.714	-2	...	...
...	11.951	+45.843	-5	M	...	...	5.696	-55.381	-5	...	...	...	1.541	-45.439	-5	...	...
42I ...	-11.935	-16.115	0.85	...	...	48I ...	-5.670	-23.199	0.70	...	...	54I ...	+1.625	-36.555	-4	...	...
...	11.914	-32.478	-5	p	...	...	5.540	+2.554	-4	M	...	...	1.848	-4.152	-4	...	...
...	11.876	+55.763	-5	M	...	...	5.473	-47.319	-5	...	...	...	2.036	-23.746	-4	...	...
...	11.773	+0.594	-4	M	...	...	5.374	-47.207	-4	...	...	*	2.586	-35.851	0.90	...	...
...	11.656	+20.016	-4	M	...	...	5.106	+50.160	-3	...	...	*	2.909	+25.215	1.50	50.III34	9.2
...	-11.552	-51.445	-4	...	...	...	-5.058	+52.372	-5	M	...	...	+2.919	-29.534	0.75	...	...
...	11.525	-22.658	-5	p	...	†	4.956	-10.084	-4	...	...	...	2.949	-22.402	-4	...	...
...	11.478	+33.635	-3	...	...	...	4.890	-13.885	-4	...	...	...	3.006	-19.457	-2	...	...
...	11.030	-34.613	-5	...	...	...	4.839	+0.389	0.70	a	...	...	3.055	+51.500	-2	...	...
...	10.704	-34.655	0.90	...	...	†	4.773	+58.883	-5	...	...	*	3.184	+57.432	1.30	50.III35	9.4
43I *	-10.481	+43.041	1.00	...	...	49I ...	-4.392	+31.144	-5	M	...	55I ...	+3.269	+36.885	-5	...	...
...	10.370	+11.060	-5	M	...	...	4.345	+13.509	-5	M	...	*	3.416	+5.819	1.10	50.III36	9.4
...	10.280	+4.722	-5	M	...	...	4.322	-27.720	-4	...	...	...	3.664	-32.398	-5	...	...
...	10.272	+24.075	-4	...	...	...	4.295	-20.739	-5	p	...	...	3.714	+40.675	-5	m	...
...	10.249	+48.245	-3	...	...	...	4.015	+18.396	-5	M	...	...	4.024	-30.834	-5	...	...
†	-10.121	-38.433	-5	p	...	*	-3.797	+37.329	1.00	50.III31	10.2	...	+4.053	-53.423	-2	...	...
...	9.919	-46.297	-5	p	...	...	3.711	+55.082	-1	...	...	...	4.115	+21.707	0.75	...	...
...	9.708	+33.938	-4	M	...	...	3.627	+30.276	-2	...	...	S *	4.195	+9.532	2.10	50.III37	8.2
*	9.539	-19.827	0.90	51.II286	10.2	...	3.595	-59.192	-5	p	...	...	4.395	+49.692	-2	...	...
...	9.477	-32.972	-5	...	...	...	3.565	-56.009	-5	p	...	...	4.397	-5.869	-5	p	...
44I ...	-9.388	-15.812	-5	...	...	50I ...	-3.498	-39.441	-5	...	...	56I ...	+4.424	-14.431	-3	...	...
...	9.350	-0.599	0.75	...	...	...	3.441	-26.901	-5	...	...	...	4.425	-33.562	-2	...	...
...	9.233	+49.317	-1	...	...	*	3.369	-12.330	1.00	51.II290	9.8	...	4.463	+26.465	-2	...	...
...	9.218	-42.281	0.75	...	...	...	3.256	-0.906	-5	p	...	...	4.702	+17.393	-5	...	...
...	9.203	-26.498	-5	...	...	...	3.199	+37.773	-2	...	...	...	4.915	-54.205	-3	...	...
...	-9.078	+21.269	-5	M	...	...	-2.453	+30.131	-4	M	...	...	+5.029	+45.540	0.85	...	...
...	8.987	-35.555	-5	p	...	*	2.441	-42.743	1.00	51.II291	10.2	...	5.201	-41.961	-4	...	...
...	8.833	-40.036	-3	...	...	...	2.035	-43.228	-5	...	...	...	5.247	-24.869	0.85	51.II296	10.2
...	8.784	+43.804	-5	M	...	...	1.934	-16.337	-5	...	...	...	5.344	+23.471	0.65	...	...
...	8.784	-56.227	-2	...	...	...	1.900	+58.543	-3	...	...	...	5.421	+35.029	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.	
571-630						631-690						691-750						
57I	+ 5.472	+19.052	1.60	50.III38	8.8	63I	+12.198	+26.978	-4	...	...	69I	+18.437	-48.827	-4	...	...	
...	5.604	+39.274	-5	...	...	...	12.295	-25.850	-5	p	...	...	*	18.617	+54.975	1.00	50.III46	10.2
...	5.721	-37.101	-3	...	...	...	12.500	+43.577	-2	...	...	...	...	18.650	-24.008	0.75	...	...
...	5.730	+37.509	-3	...	...	*	12.583	+23.868	1.50	50.III40	9.0	...	...	18.657	+ 1.567	-3	...	...
...	5.862	+ 2.359	-4	m	...	...	12.660	- 8.917	-5	...	...	...	...	18.817	+ 8.093	-4	b	...
...	+ 5.867	-10.848	-4	...	...	...	+12.903	-14.764	-2	...	...	...	...	+18.860	-29.699	-1	...	...
...	6.068	-58.058	-5	p	...	...	13.192	+32.107	-4	...	...	...	...	18.991	-45.958	-4	...	...
...	6.151	+22.488	-3	...	...	...	13.302	+32.259	0.80	...	...	...	...	19.012	-23.920	0.70	...	...
...	6.209	+55.264	-4	...	...	...	13.354	+45.167	-2	...	...	...	...	19.224	+ 5.139	0.90	...	...
...	6.301	+50.223	-4	...	...	...	13.690	+34.312	-5	...	...	...	...	19.623	+ 5.015	-5	...	...
58I	+ 6.469	- 8.357	-3	...	...	64I	+13.720	+59.564	-4	...	...	70I	+19.938	-55.585	-5	...	...	
...	6.536	- 8.050	0.80	...	...	...	13.738	-47.756	-5	p	...	...	...	20.226	+18.885	0.85	...	...
...	6.747	+ 8.886	-5	m	...	*	13.751	+32.641	0.90	...	...	...	...	20.331	+46.329	-5	...	...
...	6.777	-44.016	-5	p	...	...	14.127	+45.148	-4	...	...	...	...	20.331	-21.479	-5	...	...
...	6.783	+33.417	0.85	...	...	*	14.143	-42.928	1.00	51.II300	10.0	...	...	20.536	-19.733	-5	...	...
...	+ 6.945	-24.482	-5	...	...	*	+14.303	+41.506	1.15	50.III41	9.7	...	...	+20.701	+16.751	-2	...	...
...	7.278	+35.609	-3	...	...	...	14.376	-37.987	-1	...	...	*	...	20.795	-57.801	1.60	52.II492	9.2
...	7.398	+ 1.663	-4	...	...	...	14.598	- 9.186	-4	...	...	n*	...	20.816	-27.561	0.90	51.II302	9.8
...	7.468	+31.713	-4	...	...	...	14.708	+ 5.601	-2	...	...	...	...	20.877	-31.775	-2	...	...
...	7.478	+ 5.124	-5	m	...	...	14.723	-42.383	-4	...	...	n*	...	20.888	-27.622	0.90	51.II302	9.8
59I	+ 7.492	-19.898	-3	...	...	65I	+14.786	+57.286	-2	...	...	71I	+20.892	+39.129	-5	...	...	
...	7.557	-29.478	-2	...	...	...	14.983	-22.011	0.70	...	...	...	...	20.935	+ 9.296	0.70	...	...
...	7.599	-29.832	-5	p	...	...	14.994	- 4.157	-4	...	...	...	...	21.022	-44.178	-2	...	...
...	8.137	-15.856	-4	p	...	*	15.086	+19.198	0.95	50.III42	10.2	*	...	21.205	+47.893	1.15	50.III47	9.4
...	8.155	+27.679	-5	...	...	...	15.216	+12.425	-4	...	...	...	...	21.215	+ 1.233	-5	m	...
...	+ 8.254	+41.472	-5	m	...	...	+15.273	-42.537	-2	...	...	...	...	+21.216	-51.420	-4	...	...
...	8.303	-57.161	-2	...	...	*	15.407	+55.045	1.60	50.III43	9.2	...	...	21.228	-29.615	-5	...	...
...	8.351	-33.706	-3	...	...	...	15.430	+17.850	-1	...	...	...	...	21.465	+52.065	-5	m	...
...	* 8.410	-25.683	1.00	51.II297	9.8	...	15.494	-59.409	-5	p	...	...	...	21.484	-28.682	0.70	...	...
...	8.554	-13.044	0.75	...	...	...	15.563	-19.334	-4	...	...	...	...	21.653	+53.622	-5	...	...
60I	+ 8.582	-14.871	-5	p	...	66I	+15.678	+ 6.281	1.00	50.III44	10.0	72I	+21.875	+19.174	-5	m	...	
...	8.672	-21.311	1.05	51.II298	9.6	...	15.746	- 4.947	-4	...	...	...	...	21.952	+38.495	-3	...	...
...	8.673	+52.585	-3	...	...	...	15.767	-24.924	-5	p	...	...	...	21.981	+ 4.274	0.65	...	...
...	8.831	+ 2.364	-3	...	...	...	15.962	-29.024	-5	p	...	...	...	22.077	+19.894	0.70	...	...
...	8.935	+12.782	-4	...	...	*	15.982	+44.886	1.10	50.III45	9.8	...	...	22.164	+50.795	-1	...	...
...	+ 9.198	+52.240	-5	...	...	*	+16.062	- 7.468	1.10	51.II301	9.4	...	...	+22.217	+ 8.908	-5	m	...
...	9.250	+23.074	-5	...	...	...	16.070	-44.736	-3	...	...	...	...	22.327	-23.870	-2	...	...
...	9.549	-12.024	-4	...	...	...	16.082	-21.856	-3	...	...	...	...	22.383	+31.068	-5	...	...
...	* 9.634	-13.742	1.60	51.II299	9.0	...	16.200	+48.930	-5	...	...	...	...	22.414	-30.735	-4	...	...
...	9.640	+ 0.449	-3	a	...	...	16.284	-29.071	0.70	...	...	...	...	22.534	+19.165	0.75	...	...
61I	+ 9.676	+ 0.024	-5	m	...	67I	+16.542	-55.857	-4	...	...	73I	+22.594	-37.387	-2	...	...	
...	9.744	+32.883	-3	...	...	...	16.655	+ 4.327	-4	m	...	...	...	22.625	+43.764	-4	...	...
...	9.870	- 6.788	-3	...	...	...	16.724	-41.554	0.90	...	...	...	...	22.629	-25.649	0.65	...	...
...	9.879	+12.631	-3	...	...	...	16.853	-46.578	-4	...	...	...	...	22.815	+53.751	-1	...	...
...	9.958	+42.995	-5	...	...	*	16.995	+22.218	0.95	...	...	...	...	23.036	+20.090	0.90	...	...
...	+10.157	-24.104	-3	...	...	*	+17.034	+48.290	1.00	...	...	...	...	+23.267	+14.439	-5	m	...
...	10.351	-22.645	-3	...	...	...	17.122	-38.893	-4	...	...	...	...	23.356	+36.997	-4	...	...
...	10.387	+27.828	-3	...	...	†	17.154	- 5.148	-2	...	...	...	...	23.474	+33.510	-5	...	...
...	10.446	+ 9.442	-4	...	...	...	17.228	-34.485	-3	...	...	...	...	23.482	+13.012	-5	...	...
...	10.520	- 6.130	-3	...	...	...	17.431	-38.149	-3	...	...	...	...	23.777	+32.076	-4	...	...
62I	+10.839	+55.006	-3	...	...	68I	+17.487	+ 2.445	0.80	...	...	74I	+23.912	-24.749	0.70	...	...	
...	10.858	+48.275	-2	...	...	...	17.542	+10.708	-4	m	...	S*	23.934	+49.356	2.70	50.III48	8.0	
...	10.891	+56.049	-3	...	...	...	17.741	+11.074	-5	m	...	...	23.940	+ 1.709	-2	...	...	
...	11.104	+10.514	-5	m	...	...	17.751	+37.398	-3	...	...	...	23.946	+17.237	0.65	...	...	
...	11.142	-49.478	-3	...	...	...	17.779	+14.266	-4	...	...	...	24.384	-50.640	1.00	...	...	
...	+11.282	-35.438	0.80	...	...	...	+17.829	-37.526	-5	...	...	...	+24.441	-10.446	-3	...	...	
...	11.448	+42.941	-2	...	...	...	17.922	+29.490	-2	...	...	...	24.780	- 4.108	-5	p	...	
...	11.580	- 5.234	-2	...	...	†	17.965	+49.748	-5	...	...	†	24.784	-24.094	-3	...	...	
...	11.896	+44.331	0.90	...	...	...	18.039	-45.756	-1	...	...	†	24.843	- 8.082	0.70	...	...	
...	12.042	-32.675	-3	...	...	...	18.205	-26.416	-4	p	...	†	24.868	-43.324	-5	...	...	

708, 710. C.P.D., mass.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
751-810						811-870						871-930					
75I	+25°000	-14°818	0.90	...	...	81I	+32°399	-2°705	0.65	...	...	87I	+38°542	+26°113	-2	...	...
*	25°296	+19°431	1.00	50.III49	9.4	...	32°455	-4°425	0.90	...	...	...	38°814	+26°902	0.85	...	...
...	25°307	-9°579	-5	...	...	...	32°486	-48°792	-5	<i>p</i>	...	...	38°896	+8°429	-4	...	...
...	25°569	-57°925	-3	...	...	S *	32°494	-45°548	2.50	51.II309	8.0	...	39°007	+39°301	-4	...	...
*	25°670	-25°616	1.20	51.II303	9.4	...	32°586	+18°578	-5	<i>m</i>	...	†	39°904	-14°539	-4	...	...
...	+25°888	-34°297	-3	...	...	...	+32°633	-6°315	-3	...	...	...	+39°929	-3°115	-1	...	...
...	26°083	+19°963	-5	...	...	...	32°642	+27°902	-4	...	...	...	39°934	+0°420	-4	...	...
...	26°215	+38°173	-3	...	...	*	32°736	-57°916	1.60	52.II500	9.2	...	40°001	+17°516	-3	...	...
†	26°271	+49°691	-4	...	...	...	32°762	+49°028	-3	...	...	...	40°229	+28°982	-4	...	...
...	26°347	+24°676	-3	...	...	...	32°784	-46°169	-5	...	...	...	40°293	+1°457	-3	...	...
76I	+26°365	-9°568	1.00	51.II304	9.6	82I	+33°329	-26°151	0.65	...	...	88I	+40°328	+8°232	-5	...	...
*	26°874	-36°147	0.65	...	...	...	33°489	+37°361	-3	...	...	...	40°412	-19°768	-2	...	...
...	26°899	+30°477	-2	...	...	...	33°511	-7°951	-5	...	...	...	40°426	-47°045	-4	...	...
...	27°002	+16°020	-4	...	...	...	33°540	-30°223	-5	...	...	...	40°435	-42°792	-3	...	...
...	27°013	-25°966	-5	...	...	*	33°567	+31°267	1.20	50.III52	9.4	...	40°608	+15°439	-5	<i>m</i>	...
...	+27°106	+26°499	0.85	...	...	...	+33°725	-57°640	-5	<i>p</i>	...	...	+40°618	+11°846	-3	...	...
...	27°185	-28°759	-4	...	...	...	33°956	+4°738	-3	...	...	...	40°749	-6°315	-4	...	...
...	27°296	-16°065	0.65	...	...	...	34°102	+56°246	-4	...	...	...	40°819	+51°706	-1	...	...
...	27°306	+9°375	-3	...	...	...	34°113	-19°755	-3	...	...	...	40°873	+51°762	-4	<i>m</i>	...
...	27°433	-45°150	-5	<i>p</i>	...	...	34°196	-29°300	0.90	...	...	*	40°881	-16°939	0.85	...	...
77I	+27°521	+20°393	1.00	50.III51	10.2	83I	+34°251	+19°182	0.65	...	...	89I	+40°951	-38°693	-5	<i>p</i>	...
*	27°553	+33°203	1.00	50.III50	10.1	...	34°363	+21°762	-2	...	...	...	41°027	-42°005	-4	...	...
...	27°665	-6°809	0.95	51.II305	10.2	...	34°410	-26°377	0.65	...	...	...	41°202	+43°041	-2	...	...
*	27°692	-46°746	2.10	51.II306	8.4	...	34°499	+14°009	-5	...	...	*	41°374	-19°509	0.90	51.II312	10.2
...	28°501	+23°836	-5	...	...	...	34°641	+44°539	-3	...	...	...	41°442	+16°099	0.85	...	...
...	+28°556	-24°397	-2	...	...	...	+34°786	+21°637	-2	...	...	*	+41°742	-22°476	0.90	...	...
...	28°723	+25°754	-5	...	...	...	35°167	-38°953	0.95	...	...	...	41°924	+37°196	0.90	...	...
...	28°851	+29°136	-5	...	...	...	35°284	-40°771	-2	...	...	...	42°208	+40°930	-4	...	...
...	28°884	+42°705	-3	...	...	...	35°333	+11°561	-5	...	...	...	42°333	-5°115	-2	...	...
...	28°919	-24°141	-4	...	...	...	35°420	-15°336	0.70	...	...	...	42°345	+4°584	-3	...	...
78I	+29°209	+10°588	-4	...	...	84I	+35°546	+18°606	-3	...	...	90I	+42°428	+23°594	-4	...	...
*	29°282	-44°858	1.00	51.II307	10.2	*	36°004	+20°835	1.40	50.III53	9.2	...	42°518	+53°248	-4	...	...
...	29°372	-30°791	-4	...	...	...	36°050	+45°398	-3	...	...	*	42°845	-13°652	0.90	...	...
...	29°377	+55°389	-1	...	...	...	36°421	+23°082	-3	...	...	...	43°149	+59°354	-1	...	...
...	29°413	+14°015	0.70	...	...	...	36°596	-44°181	-5	...	...	...	43°201	-47°820	-5	...	...
...	+29°517	-24°121	0.75	...	...	...	+36°647	-11°485	-4	...	...	*	+43°212	+46°377	1.00	50.III55	10.2
*	29°527	-45°178	1.00	51.II308	10.2	...	36°721	+6°451	-5	...	...	...	43°415	-2°093	-1	...	...
...	29°662	-16°766	0.65	...	...	...	36°780	-43°600	-5	...	...	*	43°431	+45°161	1.00	...	...
†	29°736	-41°458	1.00	...	...	...	36°919	+19°505	-5	...	...	*	43°495	+39°911	2.30	50.III56	8.8
...	30°206	-34°727	-4	...	...	...	36°985	+16°305	0.70	...	...	...	43°696	-16°012	-5	<i>p</i>	...
79I	+30°566	+36°162	-5	...	...	85I	+37°035	+10°989	-3	...	...	91I	+43°738	-49°381	-4	...	...
...	30°626	-8°372	-2	...	...	...	37°059	+3°107	-4	...	...	...	43°992	+26°532	-4	...	...
...	30°741	+10°779	-5	<i>m</i>	...	...	37°096	+25°601	-3	...	...	...	43°995	-15°737	-5	<i>p</i>	...
...	30°749	+8°197	-3	...	...	...	37°109	-51°099	-5	...	...	...	44°096	+10°300	0.90	...	...
...	30°916	+51°668	-5	...	...	...	37°196	-25°839	0.90	...	...	...	44°177	-16°536	-4	...	...
...	+30°988	-7°764	-5	<i>p</i>	...	...	+37°232	-32°776	-3	...	...	...	+44°276	+54°185	-5	...	...
†	31°032	+9°848	-5	...	...	*	37°325	+47°465	1.40	50.III54	9.2	...	44°440	-22°165	-3	...	...
...	31°129	+26°693	-4	...	...	...	37°348	+28°476	-2	...	...	...	44°493	-42°808	-4	<i>p</i>	...
...	31°154	-34°557	0.90	...	...	...	37°414	+15°003	-4	...	...	...	44°697	-34°436	-5	<i>p</i>	...
...	31°471	+11°663	-5	...	...	...	37°627	+38°731	-5	...	...	*	44°699	-24°437	0.90	51.II313	10.2
80I	+31°551	-17°484	-5	...	...	86I	+37°748	+17°824	-5	...	...	92I	+44°710	+46°312	1.05	50.III57	9.8
...	31°662	-7°387	-5	<i>p</i>	...	...	37°948	+12°360	-3	...	...	*	44°822	+34°797	1.00	50.III58	9.8
...	31°759	-10°743	-4	...	...	...	38°150	-13°070	-4	...	...	...	44°845	+56°244	-5	...	...
...	31°869	-56°064	-1	...	...	*	38°169	-46°985	1.10	51.II311	9.4	*	44°999	+8°598	1.00	50.III59	9.6
...	31°942	-23°256	0.70	...	...	...	38°252	-0°890	-5	<i>p</i>	...	...	45°060	+33°574	-4	...	...
...	+31°972	+48°756	-5	...	...	...	+38°272	+44°256	-4	...	...	S *	+45°173	+16°193	2.85	50.III60	7.8
...	32°097	-58°978	-1	...	...	...	38°281	-39°230	-5	...	...	...	45°438	+10°815	0.90	...	...
...	32°163	-54°190	-5	...	...	*	38°370	-20°468	1.20	51.II310	9.2	...	45°445	-34°816	-5	<i>p</i>	...
...	32°274	-46°164	-2	...	...	...	38°412	-27°395	-5	...	...	...	45°538	-58°985	-4	...	...
...	32°381	+25°190	-4	...	...	...	38°414	+23°548	-2	...	...	*	45°559	-20°059	0.90	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.
931-970					
93I	+45'635	+11'149	-1	°	...
...	45'647	-26'741	-4	...	...
...	45'722	-20'982	-3	...	...
...	45'753	+42'377	-5	...	...
...	45'809	-28'370	-4	...	...
...	+45'835	+30'489	-5	...	...
...	45'900	-28'557	-5	<i>p</i>	...
...	45'948	-2'819	-5	<i>p</i>	...
...	46'190	+44'251	-4	...	...
...	46'244	-42'873	1'00	51.II314	9·8
94I	+46'511	+46'408	0'95	50.III61	10·2
...	46'538	+8'693	-3	...	...
...	46'548	-40'159	1'10	51.II315	9·6
...	46'703	-52'581	-4	...	...
...	46'708	-54'423	-3	...	...
...	+46'768	-3'928	-4	<i>p</i>	...
...	46'858	+5'602	2'80	50.III62	7·7
...	47'047	+1'534	-5	<i>m</i>	...
...	47'191	-7'510	-5	<i>p</i>	...
...	47'267	+11'301	-5	...	...
95I	+47'352	-23'470	-3	...	...
...	47'364	+16'403	-4	...	...
...	47'661	+37'010	-2	...	...
...	47'723	+47'388	-5	...	...
...	47'770	-40'024	1'20	51.II316	9·6
...	+48'156	-52'045	-4	...	...
...	48'303	+31'470	-3	...	...
...	48'373	+18'602	-5	<i>m</i>	...
...	48'436	-19'950	-5	<i>p</i>	...
...	48'596	+10'082	-4	...	...
96I	+49'165	-16'282	-2	...	...
...	49'296	-44'001	-4	...	...
...	49'321	-49'730	-4	<i>p</i>	...
...	49'458	+12'478	-4	...	...
...	49'483	+40'497	-4	...	...
...	+49'640	-27'229	-5	<i>p</i>	...
...	49'669	+31'672	-5	...	...
...	49'722	+2'816	0'90	...	...
...	50'024	-1'753	-4	...	...
...	50'048	-46'962	-3	...	...
971-1010					
97I	+50'050	+19'224	0'80	°	...
...	50'177	-45'063	-4	...	...
...	50'220	+48'711	-4	...	...
...	50'636	-19'721	1'00	...	...
...	50'842	-28'604	-4	...	...
...	+50'973	+10'700	-3	...	...
...	51'082	+53'534	-2	...	...
...	51'147	-0'274	-4	...	...
...	51'154	-52'297	-4	...	...
...	51'525	+4'294	-2	...	...
98I	+51'531	-28'208	-5	...	...
...	51'614	-20'691	-1	...	...
...	51'665	+11'035	1'00	50.III63	10·0
...	51'904	+3'052	0'85	...	...
...	51'988	-9'474	-4	...	...
...	+52'227	+13'101	1'30	50.III64	9·6
...	52'560	-40'684	-4	...	...
...	52'627	-35'546	-2	<i>e</i>	...
...	52'725	+45'548	-3	...	...
...	52'794	-23'719	-4	...	...
99I	+53'267	-30'220	-5	...	...
...	53'502	-57'836	1'00	52.II510	10·2
...	53'662	+14'094	-2	...	...
...	53'747	-23'349	0'80	<i>e</i>	...
...	53'833	-38'645	-3	...	...
...	+53'838	-3'590	-5	<i>p</i>	...
...	53'912	-32'603	-4	<i>e</i>	...
...	54'015	+33'323	-5	...	...
...	54'097	-35'141	-4	<i>e</i>	...
...	54'293	-35'646	-3	<i>e</i>	...
100I	+54'429	+36'414	-4	...	...
...	54'760	+8'782	1'00	50.III65	9·8
...	54'928	+0'801	-4	...	...
...	54'952	-5'840	-3	<i>e</i>	...
...	55'034	+6'930	-2	...	...
...	+55'126	+10'885	0'90	...	...
...	55'152	+24'601	-5	...	...
...	55'229	+34'355	-3	...	...
...	55'301	-15'519	1'00	51.II318	10·0
...	55'347	-11'349	1'60	51.II317	8·8
1011-1041					
101I	+55'463	+24'167	1'00	50.III66	10·1
...	55'599	+11'595	-1	...	...
...	55'787	-21'028	0'75	<i>e</i>	...
...	55'814	-39'308	0'90	<i>e</i>	...
...	55'883	+42'037	-3	...	...
...	+55'959	-18'820	-4	<i>e</i>	...
...	56'186	+51'615	-2	...	...
...	56'246	+34'719	2'20	50.III67	8·5
...	56'282	-1'994	-4	<i>e</i>	...
...	56'387	-16'875	-5	<i>p</i>	...
102I	+56'426	-20'279	0'75	<i>e</i>	...
...	56'584	+56'785	-5	...	...
...	56'660	+3'037	-4	...	...
...	57'020	-44'333	-5	<i>p</i>	...
...	57'237	-25'778	-5	...	...
...	+57'611	+14'508	-5	<i>m</i>	...
...	57'882	-57'396	-5	<i>p</i>	...
...	58'060	+3'578	-5	...	...
...	58'064	+10'375	-4	...	...
...	58'335	+0'984	-3	...	...
103I	+58'390	+29'687	-5	...	...
...	58'406	-6'507	-5	<i>p</i>	...
...	58'644	-13'597	-5	<i>p</i>	...
...	58'844	-55'686	-2	<i>e</i>	...
...	58'906	+11'454	0'90	...	...
...	+59'097	+22'276	0'90	...	...
...	59'147	+1'671	-4	...	...
...	59'225	-2'685	-4	<i>p</i>	...
...	59'408	+41'414	-5	...	...
...	59'522	+28'686	1'40	50.III68	9·2
104I	+59'562	-50'196	2'20	51.II319	8·6

1-10						11-20						21-30					
I	<i>x.</i>	<i>y.</i>				II	<i>x.</i>	<i>y.</i>				2I	<i>x.</i>	<i>y.</i>			
...	-59'469	+34'255	-3	...	...	...	-58'185	+11'543	0·70	...	...	...	-56'585	-18'836	-5	<i>E</i>	...
...	59'242	-35'683	-3	<i>E</i>	...	...	58'118	-5'911	-5	<i>E</i>	...	...	56'143	+29'734	-5	...	...
...	59'215	+51'551	-1	...	...	...	58'070	-32'707	-5	<i>E</i>	...	...	56'067	-20'287	0·70	<i>E</i>	...
...	59'130	+41'977	-5	...	...	...	57'800	-35'213	-5	<i>E</i>	...	...	55'903	-39'317	0·90	<i>E</i>	...
...	58'895	+8'694	1·00	50.III65	9·8	...	57'566	-35'736	-5	<i>E</i>	...	...	55'678	+10'428	-5	...	...
...	-58'828	+24'090	1·00	50.III66	10·1	SE*	-57'493	-11'407	1·85	51.II317	8·8	...	-55'587	+41'488	-5	...	...
...	58'625	+10'812	0·90	...	...	E	57'448	-57'947	-1	52.II510	10·2	...	55'119	+22'351	0·80	...	...
...	58'611	-23'447	0·90	<i>E</i>	...	E*	57'385	-15'571	1·00	51.II318	10·0	...	55'036	+1'037	-5	...	...
...	58'564	+6'845	0·70	...	...	...	56'955	-2'012	-5	<i>E</i>	...	...	54'958	+28'772	1·40	50.III68	9·2
S*	58'465	+34'671	2·00	50.III67	8·5	...	56'665	-21'065	0·75	<i>E</i>	...	...	54'771	+11'540	0·85	...	...

L measured from 1, 109, 242, 324, 454, 578.

C " " 51, 180, 293, 387, 509, 634.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
31-90						91-150						151-210					
3I	-54°015	+38°809	-1	°	...	9I	-42°248	-37°618	-4	°	...	15I	-34°979	-35°325	1°50	5I.II332	8·8
...	53°96I	+38°939	-1	...	...	...	42°180	-10°283	-5	...	...	...	34°35I	+20°53I	1°00	50.III84	9·9
...	53°219	+39°594	0·65	...	...	...	42°098	+5°508	0·70	...	...	...	34°052	+47°00I	0·85	...	...
†	53°030	+25°359	0·85	...	...	...	41°964	+49°873	-5	...	...	...	33°956	+0°073	-5	a	...
...	52°896	+21°099	-5	...	...	...	41°769	+46°63I	-5	...	...	...	33°854	+58°842	-4	...	...
*	-52°322	+33°968	1·30	50.III69	9·4	*	-41°732	+12°174	1°50	50.III78	8·8	*	-33°770	-42°30I	1°15	5I.II333	9·2
...	52°316	-19°29I	0·90	...	...	...	41°662	+17°363	0·70	...	...	...	33°555	-6°934	-5	...	...
...	52°247	+36°048	-5	...	...	*	41°577	-20°98I	1°15	5I.II326	9·4	...	33°147	-2°882	-1	...	...
...	52°220	+56°92I	-1	...	...	...	41°184	-8°674	0·70	...	...	...	33°000	+27°364	0·85	...	...
...	52°207	-25°392	-2	...	...	...	41°094	-25°704	-5	...	...	...	32°956	+30°669	0·70	...	...
4I	-52°206	-55°576	-1	E	...	10I	-41°005	+19°336	-2	...	...	16I	-32°717	-56°824	-5	...	...
...	51°909	-36°19I	-5	...	...	...	40°908	+18°252	-2	...	...	...	32°577	+7°836	-5	...	...
...	51°836	+17°913	0·70	...	...	...	40°805	+33°24I	-5	...	...	*	32°280	+45°460	1°00	50.III85	9·7
†	51°743	+20°335	0·65	...	...	...	40°773	-0°757	0·70	...	...	...	32°124	+30°715	0·70	...	...
E *	51°705	-50°039	2·00	5I.II319	8·6	†	40°629	-39°530	-4	...	...	†	31°989	+30°275	-5	...	...
...	-51°430	+54°084	-2	...	...	...	-40°475	-58°014	-5	...	...	...	-31°846	+52°123	-2	...	...
...	51°360	+10°47I	0·90	...	...	...	40°217	-31°503	-2	...	...	...	31°570	+31°014	0·90	...	...
...	51°252	+31°888	0·80	...	...	...	39°895	+36°890	-3	...	...	...	31°487	+16°230	-5	...	...
...	50°792	+29°058	0·85	...	...	...	39°836	-44°297	-5	...	...	...	31°403	-21°850	-5	...	...
...	50°60I	-25°545	-5	...	...	†	39°626	+20°357	-5	...	...	...	31°33I	-14°76I	-2	...	...
5I	-49°69I	-18°028	1°00	5I.II320	10·2	III	-39°620	+31°638	1°15	50.III79	9·2	17I	-30°924	+58°266	1°00	50.III87	9·8
*	49°599	+51°888	1°15	50.III70	9·8	*	39°613	+1°370	1°00	5I.II327	9·6	*	30°895	-23°344	1°05	5I.II334	9·4
...	49°50I	-19°366	0·80	...	...	...	39°482	+16°443	-2	...	...	*	30°873	-18°32I	1°00	5I.II335	9·6
...	49°448	-12°074	-5	...	...	...	39°452	+20°455	-3	...	...	*	30°857	+29°514	1°10	50.III86	9·6
...	49°087	+46°71I	-5	...	...	*	39°350	+28°863	1°00	50.III80	10·1	...	30°743	+6°325	-5	...	...
...	-48°425	-5°795	-5	...	...	...	-39°326	-20°612	0·75	...	...	...	-30°742	-17°489	-5	p	...
†	48°176	-24°617	-3	...	...	...	39°194	+31°458	-5	...	...	...	30°702	-52°118	-3	...	...
*	47°599	-36°72I	1·30	5I.II321	9·2	*	39°120	-6°326	2·10	5I.II328	8·4	*	30°358	-33°860	1°15	5I.II336	9·2
...	47°584	+45°34I	0·95	50.III7I	10·2	...	39°109	-24°327	-3	...	...	...	30°240	+8°186	-2	...	...
...	47°532	+42°377	0·90	...	...	...	38°915	-34°738	-5	...	...	...	29°753	+23°835	-2	...	...
6I	-47°123	-43°004	-3	...	...	12I	-38°889	+30°842	0·85	...	...	18I	-29°740	+0°932	-4	...	...
*	47°110	-41°012	1°40	5I.II322	9·2	...	38°862	-29°958	-5	...	...	...	29°67I	-12°337	-4	...	...
*	47°023	-45°146	1°15	5I.II323	9·6	...	38°657	-29°723	0·85	...	...	...	29°650	+28°495	0·75	...	...
...	46°914	-19°518	-4	...	...	...	38°420	+5°20I	0·80	...	...	...	29°54I	+49°843	-5	...	...
...	46°563	+46°896	0·90	...	...	*	38°40I	+45°727	2·10	50.III8I	8·2	*	29°496	-22°549	1°10	5I.II337	9·6
...	-46°512	-10°055	-5	...	...	...	-38°193	+6°44I	0·90	...	...	...	-29°173	-0°976	-4	...	...
*	46°255	+36°486	1·20	50.III72	9·4	...	38°189	-42°186	-3	...	...	...	28°985	-31°724	-3	...	...
*	45°975	+43°828	1°40	50.III73	9·2	...	38°010	-58°31I	-1	...	...	*	28°933	-30°715	1°05	5I.II338	9·2
...	45°766	+22°47I	0·70	...	...	...	37°650	+5°236	-5	...	...	...	28°773	+40°290	-3	...	...
...	45°67I	-56°662	-5	...	...	...	37°596	+14°627	-5	...	...	...	28°573	-30°42I	-4	...	...
7I	-45°474	-28°36I	-3	...	...	13I	-37°545	-43°275	-3	...	...	19I	-28°524	+38°885	1°05	50.III88	9·7
...	45°246	-32°953	-4	...	...	...	37°523	+16°567	0·70	...	...	*	28°467	+1°149	-5	...	...
*	45°132	+9°823	1°90	50.III74	8·8	†	37°148	+40°297	1°00	50.III82	9·9	...	28°41I	-7°543	-5	...	...
...	45°094	-37°547	-1	...	...	*	37°129	-3°485	2·00	5I.II329	9·0	...	28°267	+26°700	-4	...	...
...	45°020	+40°886	-5	...	...	...	36°863	+13°687	-5	...	...	...	28°26I	-35°070	0·80	...	...
...	-45°005	+14°746	-4	...	...	*	-36°499	-1°235	1°00	...	...	...	-28°132	-8°360	-3	...	...
†	44°884	-13°469	-3	...	...	*	36°277	-33°095	1°00	5I.II330	9·8	...	27°817	+39°317	0·80	...	...
...	44°862	+60°065	-5	...	...	...	36°029	-1°01I	-5	...	...	...	27°670	-30°029	0·80	...	...
...	44°229	+4°265	-5	...	...	...	35°995	+25°713	-2	...	...	...	27°598	+18°314	-5	...	...
...	44°140	-28°603	-5	...	...	...	35°974	+16°896	0·75	...	...	...	27°41I	+0°812	0·85	...	...
8I	-44°02I	+1°13I	1°50	5I.II324	9·0	14I	-35°840	-48°343	1°15	5I.II33I	9·0	20I	-27°396	-13°227	-2	...	...
*	43°645	+48°577	1°40	50.III75	9·2	S *	35°819	+5°948	0·90	50.III83	10·2	...	27°386	-3°435	-3	...	...
...	43°605	-45°525	-4	...	...	...	35°768	+34°640	0·80	...	...	...	27°160	+4°64I	-5	...	...
...	43°373	-30°454	-5	...	...	...	35°726	-11°79I	-5	...	...	*	27°045	-24°348	1°20	5I.II339	9·0
*	43°328	+50°453	1°15	50.III76	9·6	...	35°687	-10°048	0·90	...	...	...	26°455	+48°529	-3	...	...
...	-43°280	+56°819	1°00	50.III77	10·2	...	-35°552	+13°617	-3	...	...	...	-26°266	-31°805	-5	...	...
...	42°964	-26°490	-5	p	...	...	35°494	-50°525	0·85	...	...	...	26°176	+51°748	0·90	...	...
...	42°769	+45°695	-3	...	...	...	35°310	+50°002	-3	...	...	...	26°108	+60°043	-3	...	...
...	42°554	-43°192	-3	...	...	...	35°095	-0°742	0·70	...	...	*	25°627	+42°008	1°00	50.III89	9·9
*	42°385	-5°894	1°00	5I.II325	10·0	†	35°014	-23°196	0·70	...	...	...	25°520	-28°336	-2	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
211-270						271-330						331-390					
21I	-25.325	-54.414	-5	<i>p</i>	...	27I	-14.457	-47.889	-3	...	...	33I	+1.441	+50.493	0.85	...	...
...	24.859	-21.010	-4	...	...	...	14.427	+10.468	-5	...	...	...	+1.448	-36.268	0.95	51.II346	10.2
*	24.680	+39.213	1.05	50.III90	9.6	...	14.012	-7.462	-3	...	...	...	1.667	-33.022	-3	...	...
...	24.664	+27.963	-5	...	...	...	13.482	-21.565	0.75	...	...	...	1.805	+53.638	-2	...	...
†	24.586	+25.199	-2	...	...	...	13.443	+50.986	0.70	...	...	...	1.892	+22.314	-5	...	...
...	-24.548	+30.894	-4	...	...	...	-13.342	+32.177	-4	...	...	...	+2.036	+43.550	-5	<i>m</i>	...
...	24.169	-43.621	-2	...	...	...	12.998	-54.984	0.75	...	...	*	2.150	+12.841	2.00	50.III99	9.0
...	24.082	+30.870	-4	...	...	...	12.931	+50.310	0.70	...	...	*	2.458	-10.570	0.95	51.II347	9.8
...	23.785	-11.443	-4	...	...	...	12.388	+13.268	-5	...	...	...	2.545	-35.202	0.85	...	...
...	23.713	-47.405	-2	...	...	...	12.348	-30.106	0.85	51.II343	10.2	...	2.765	-58.284	-5	...	...
22I	-23.615	+34.925	-2	...	...	28I	-12.287	+42.095	0.90	...	...	34I	+2.782	+56.374	-5	...	...
...	23.519	+44.926	-2	...	...	...	12.276	-16.635	-5	...	...	...	3.098	+23.260	-2	...	...
...	23.290	-15.923	-5	<i>p</i>	...	...	12.216	-5.599	0.90	...	...	...	3.299	-8.893	-5	...	...
...	22.948	-17.484	-2	...	...	...	11.435	-55.104	-3	...	...	*	3.326	-4.372	1.25	51.II348	9.2
*	22.934	+21.809	0.95	50.III91	10.0	...	11.300	+8.245	0.90	...	...	...	3.816	-37.412	0.70	...	...
...	-22.690	+32.281	-3	...	...	...	-11.242	-18.551	-5	...	...	*	+3.866	-21.579	1.00	...	...
...	22.668	+13.308	-4	...	...	...	10.950	+7.451	0.75	...	...	...	4.068	-26.348	0.70	...	...
...	22.229	-28.735	-4	...	...	...	10.916	+44.403	-5	...	...	...	4.141	-35.936	-5	...	...
...	21.883	-5.132	-3	...	...	...	10.756	+18.733	0.80	...	...	...	4.383	+8.312	0.90	...	...
...	21.691	-50.138	-2	...	...	...	10.738	+40.498	-2	...	...	...	4.665	-44.569	0.85	...	...
23I	-21.649	+47.157	-4	...	...	29I	-10.223	-8.915	-1	...	...	35I	+4.678	-46.226	0.65	...	...
...	21.568	+27.836	-5	...	...	*	10.044	+11.578	1.00	50.III97	9.6	*	4.744	+39.032	0.95	50.II200	10.1
...	21.419	-57.024	-3	...	...	...	9.670	-9.924	-5	...	...	...	5.007	-20.634	-2	...	...
...	21.275	-36.119	-4	...	...	...	9.597	-20.091	-4	...	...	†	5.026	+32.181	0.70	...	...
...	21.079	+0.859	-3	...	...	...	9.453	+2.332	-4	...	...	...	5.162	-1.594	-3	...	...
S*	-20.957	+22.469	1.85	50.III92	8.8	...	-9.234	+32.087	-5	...	...	...	+5.172	-6.232	-5	...	...
...	20.858	-46.977	-2	...	...	...	9.099	-14.971	0.80	...	...	...	5.316	-38.600	0.80	...	...
*	20.736	-50.992	1.20	51.II340	9.2	...	8.822	+41.121	0.85	...	...	...	5.383	-38.398	0.85	...	...
*	20.332	-11.223	1.10	51.II341	9.2	...	8.695	+13.621	-5	...	...	...	5.408	-38.086	-5	...	...
...	20.216	-18.687	-3	...	...	...	8.650	-52.520	-5	...	...	...	5.419	-43.854	0.70	...	...
24I	-20.046	-11.333	-4	...	...	30I	-8.480	+59.394	0.90	...	...	36I	+5.470	+8.895	3.60	50.II201	7.7
...	19.986	-38.759	-5	...	...	...	7.191	+33.590	-4	...	...	S*	5.643	-22.149	-5	...	...
...	19.051	-11.590	0.80	...	...	...	7.084	+27.878	-2	...	...	...	5.996	+55.491	0.85	...	...
...	19.035	+23.400	0.65	...	...	...	6.309	+18.920	-3	...	...	*	6.032	-25.683	1.80	51.II349	9.0
...	18.837	+1.769	-5	...	...	†	5.865	-4.695	0.70	...	...	†	6.182	+50.019	1.05	50.II202	9.4
...	-18.547	+15.418	-5	...	...	...	-5.293	-41.693	-5	...	...	...	+6.461	-7.381	0.75	...	...
...	18.092	+9.621	-5	...	...	...	4.573	-12.183	0.70	...	...	...	6.879	+1.247	0.80	...	...
...	18.009	+6.373	0.70	...	...	...	4.413	-24.089	-3	...	...	*	6.988	-25.379	1.00	51.II350	9.8
...	17.509	+40.465	-5	...	...	...	4.044	+18.394	0.80	...	...	...	7.231	+10.893	0.70	...	...
S*	17.402	+51.688	1.50	50.III93	8.8	...	3.962	+33.747	-2	...	...	...	7.270	-50.755	-5	...	...
25I	-17.284	-2.664	-5	...	...	31I	-3.479	+4.303	-2	...	...	37I	+7.757	-29.482	0.80	...	...
...	17.047	+29.126	-4	...	...	...	3.224	-42.820	-4	...	...	S*	8.213	-51.106	1.15	51.II351	9.2
*	17.023	+33.367	1.00	50.III94	9.6	...	3.058	+19.161	0.70	...	...	*	8.362	-44.433	1.00	51.II352	9.4
...	16.956	-20.968	-3	...	...	...	2.810	-40.148	0.75	...	...	...	8.439	+16.649	-5	<i>m</i>	...
...	16.778	-4.358	-5	...	...	...	2.697	-17.643	-2	...	...	...	8.599	+45.486	0.80	...	...
...	-16.766	+58.983	-5	...	...	...	-2.616	+26.350	-5	...	...	...	+8.654	-35.852	-5	...	...
...	16.712	-46.055	0.70	...	...	...	2.528	-43.254	-4	...	...	...	8.698	-48.465	-5	...	...
*	16.633	+56.707	1.30	50.III95	9.2	...	2.434	-40.264	0.75	...	...	...	8.858	+51.298	0.85	...	...
...	16.590	-46.043	0.70	...	...	...	2.305	+21.899	0.80	...	...	...	8.936	-33.372	-5	...	...
...	16.337	+10.679	-2	...	...	*	1.193	+12.444	1.00	50.III98	9.7	...	8.977	-53.858	-5	<i>p</i>	...
26I	-15.849	-1.527	0.70	...	...	32I	-0.565	+24.203	-5	...	...	38I	+9.183	-43.513	-3	...	...
...	15.587	-59.163	-5	...	...	...	0.238	-7.945	-5	...	...	*	9.295	+25.779	1.00	50.II203	9.6
...	15.283	+56.280	-4	...	...	...	-0.085	+29.065	-2	...	...	...	9.450	-0.588	0.65	...	...
...	15.181	-20.281	-5	...	...	...	+0.013	-41.908	0.90	51.II344	10.2	...	9.715	+19.074	-5	...	...
...	15.145	-17.874	-3	...	...	†	0.025	-7.377	0.75	...	...	...	9.758	+58.546	-2	...	...
*	-15.076	-1.854	1.00	51.II342	10.0	*	+0.355	-47.365	1.00	51.II345	10.0	...	+9.887	+47.590	-3	...	...
...	15.065	+10.043	0.85	...	...	...	0.450	+6.658	0.85	...	...	...	9.898	-50.276	0.70	...	...
†	14.802	-19.743	-4	...	...	...	0.622	-35.782	-3	...	...	...	9.944	-15.280	-3	...	...
...	14.742	-17.812	0.75	...	...	...	0.645	-10.361	0.70	...	...	...	10.004	-53.984	-1	...	...
*	14.734	+38.021	1.10	50.III96	9.2	*	0.966	-33.396	0.90	...	...	...	10.181	-12.043	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
391-450						451-510						511-570					
39I	+10°277	+44°426	0·80	...	...	45I	+19°395	-11°203	-2	...	...	51I	+30°211	+37°284	-4	...	...
...	10°308	+18°731	0·70	...	...	...	19°483	-27°345	-2	...	...	...	30°292	-25°523	-4	...	...
...	10°347	-56°894	1·00	52.II549	10·2	...	19°633	+8°367	-3	...	...	...	30°393	-3°019	-5	...	...
...	10°509	-35°746	-2	...	...	S N ‡	19°955	-13°788	3·90	51.II358	7·4	...	30°554	+29°796	-5	...	...
...	10°677	-53°336	0·85	...	...	...	20°958	-58°369	-5	...	...	...	30°641	+39°133	-4	...	...
...	+10°745	+21°613	-3	...	...	...	+21°017	+2°732	-1	...	...	...	+30°964	-4°712	-3	...	...
...	11°298	-28°371	0·85	...	...	...	21°271	-47°170	-5	...	...	...	31°291	+45°915	-5	...	...
...	11°446	-52°330	0·95	51.II353	10·0	...	21°299	+16°476	-3	...	...	...	31°302	+1°217	-5	m	...
...	11°823	+29°393	-3	...	...	...	21°524	+16°361	-5	...	...	...	31°405	+0°239	-3	...	...
...	12°295	-45°054	-5	...	...	*	21°851	+55°419	1·25	50.II205	9·2	...	31°462	+18°783	-5	...	...
40I	+12°306	+25°284	-3	...	...	46I	+21°930	+47°520	-4	...	...	52I	+31°512	-1°132	-5	...	...
...	12°379	-48°266	0·70	...	...	...	22°162	-32°607	-5	...	...	*	31°617	-25°356	1·00	51.II361	9·6
...	12°387	-11°400	-4	...	...	...	22°308	-55°555	-5	...	...	...	31°688	+50°709	0·65	...	...
...	12°393	-46°909	1·00	51.II354	9·8	...	22°313	+37°002	0·70	...	...	...	31°887	-39°101	-4	...	...
*	12°461	-13°193	1·40	51.II355	9·2	...	22°333	+11°823	0·70	...	...	...	32°191	+13°491	-4	...	...
*	+12°466	-47°251	-3	...	...	...	+22°431	-39°853	-4	...	...	...	+32°279	-27°636	-5	...	...
...	12°825	-39°758	-4	...	...	...	22°770	-8°529	0·70	...	...	...	32°360	-44°949	-5	...	...
...	13°412	+59°292	0·95	...	...	...	23°074	+24°787	-5	...	...	...	32°530	-46°631	-4	...	...
...	13°741	+0°128	-4	a	...	...	23°206	+39°081	-3	...	...	...	32°536	-28°450	-5	...	...
...	13°825	+51°341	0·85	...	...	...	23°285	-27°812	-5	...	...	...	32°759	+53°852	-5	...	...
41I	+13°979	+28°235	-2	...	...	47I	+23°302	+47°822	-2	...	...	53I	+32°896	+33°214	-5	...	...
...	14°006	+38°525	0·90	...	...	...	23°322	+21°455	-5	...	...	...	33°285	-35°846	0·85	...	...
...	14°114	+52°016	-5	...	...	...	23°396	+40°189	-5	...	...	...	33°286	-2°797	-3	...	...
...	14°212	+57°718	-1	...	...	...	23°504	+34°865	-2	...	...	...	33°382	-43°091	0·90	...	...
...	14°463	+37°906	-5	...	...	...	23°515	-23°185	-2	...	...	...	33°386	-37°010	0·70	...	...
...	+14°518	-20°831	-5	p	...	...	+23°706	-35°194	-5	...	...	...	+33°399	+27°568	-5	...	...
...	14°660	+15°613	-5	...	...	...	23°741	-46°946	0·70	...	...	*	33°423	+47°034	1·15	50.II209	9·8
...	14°962	+31°902	-5	...	...	...	24°057	+56°088	0·90	...	...	...	33°439	-3°180	-3	...	...
...	14°981	+35°570	1·00	50.II204	9·7	...	24°212	+35°834	0·80	...	...	...	33°459	-59°417	-4	...	...
...	15°024	-11°754	-2	...	...	...	24°222	-30°047	0·70	...	...	...	33°497	-45°984	-4	...	...
42I	+15°041	-29°421	0·75	...	...	48I	+24°358	-45°126	1·00	51.II359	9·8	54I	+33°999	+51°216	-5	...	...
...	15°273	+41°244	-4	...	...	...	24°390	-3°743	-5	...	...	...	34°183	-2°828	-4	...	...
...	15°313	-4°902	-4	...	...	*	24°586	-29°973	1·70	51.II360	8·6	†	34°257	+25°112	-5	...	...
...	15°538	+5°355	0·70	...	...	...	24°612	-20°530	-2	...	...	...	34°320	+42°955	0·75	...	...
*	15°557	-5°213	1·00	51.II356	9·8	...	24°636	-58°204	-4	...	...	...	34°332	+8°651	-4	...	...
...	+15°566	-14°197	-3	...	...	...	+25°427	+28°056	-5	m	...	*	+34°617	-48°408	1·00	51.II362	9·6
...	15°795	-23°615	-4	...	...	...	25°468	-46°386	-3	...	...	...	34°671	+41°091	-4	...	...
...	15°844	-3°108	-5	...	...	...	25°790	+0°390	-5	...	...	...	35°286	-2°127	-3	...	...
...	15°846	+40°043	-5	...	...	...	26°212	-4°424	-5	...	...	...	35°471	+43°761	-2	...	...
†	16°198	+50°291	-5	...	...	...	26°500	+7°058	-5	...	...	...	35°536	+25°308	-4	...	...
43I	+16°226	+38°525	-4	...	...	49I	+26°550	-20°154	-5	...	...	55I	+35°981	-25°943	-3	...	...
...	16°326	-33°626	-5	...	...	†	26°673	-34°717	-5	...	...	...	35°982	+27°071	-2	...	...
...	16°383	-54°880	-5	...	...	...	26°708	-22°257	0·85	...	...	...	36°008	-49°879	0·80	...	...
...	16°718	-10°069	0·70	...	...	*	26°726	+48°124	1·30	50.II206	9·2	...	36°068	+7°182	-4	...	...
*	16°875	-17°992	1·60	51.II357	8·6	...	26°971	+44°471	-5	...	...	...	36°113	+50°163	-5	...	...
...	+16°943	+42°322	-4	...	...	...	+27°105	+35°117	0·75	...	...	...	+36°172	-33°436	-5	...	...
...	16°943	+41°485	-5	...	...	...	27°154	-37°908	-5	...	...	...	36°307	+50°686	-3	...	...
...	17°012	+55°352	0·95	...	...	*	27°326	+40°499	1·00	50.II207	9·6	...	36°524	-36°021	0·70	...	...
...	17°029	-56°207	0·90	...	...	...	27°649	+41°390	-5	b	...	...	36°925	-0°956	-3	...	...
...	17°302	-12°715	-5	p	...	...	27°996	-3°687	-3	...	...	...	37°064	+49°496	-5	...	...
44I	+17°303	-35°345	-3	...	...	50I	+28°121	+32°413	0·75	...	...	56I	+37°164	-44°360	0·85	...	...
...	17°440	-55°274	-4	...	...	...	28°154	+17°603	-2	...	...	...	37°303	-8°957	-3	...	...
...	17°799	-57°246	-5	...	...	...	28°475	-7°511	-5	...	...	...	37°472	+21°394	0·70	...	...
...	18°363	+31°505	0·85	...	...	...	28°501	+33°958	-3	...	...	...	37°517	+31°576	-4	...	...
...	18°379	+1°699	-5	...	...	...	29°080	-34°574	-5	...	...	...	37°610	+51°200	-4	...	...
...	+18°622	-57°879	1·00	52.II556	10·2	S *	+29°229	+48°872	1·80	50.II208	8·6	...	+37°743	-28°604	0·70	...	...
...	18°997	+52°312	-3	...	...	*	29°433	-49°136	0·95	...	...	...	37°946	-31°399	-3	...	...
...	19°089	+30°957	-5	...	...	†	29°701	-59°578	-5	...	...	*	38°123	+39°129	1·05	50.II210	9·7
...	19°106	-16°276	-2	...	...	...	29°997	-38°475	-2	...	...	...	38°187	-55°486	-3	...	...
...	19°118	-58°252	-3	...	...	...	30°071	-2°469	-4	...	...	...	38°437	+22°927	0·75	...	...

454. Remeasure 1916, $\alpha=19^{\circ}966$.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
571-610						611-650						651-674					
57I	+38'447	-42'608	0·70	°	...	61I	+45'517	-38'428	0·95	°	...	65I	+52'66I	+51'996	I·40	50.II2I9	9·6
...	38'606	-44'45I	I·10	5I.II363	9·8	...	45'648	+50'856	-2	...	...	...	52'776	+53'789	-4	...	...
...	38'697	-32'400	-2	...	...	...	45'657	-23'672	I·00	5I.II366	I0·0	...	53'086	-27'555	0·75	<i>e</i>	...
...	38'746	+49'308	-5	...	...	...	45'79I	+50'508	I·20	50.II2I7	9·4	...	53'234	-0'359	-5	<i>f</i>	...
...	38'876	+8'184	-3	...	...	S *	46'043	-12'965	I·60	5I.II367	8·6	...	53'28I	+36'947	-5	...	...
...	+39'4I9	-44'406	0·90	...	...	...	+46'350	-56'86I	I·05	52.II568	I0·2	...	+53'600	-5'627	-4	...	...
...	39'74I	+53'104	-5	...	...	...	46'59I	-17'978	0·70	...	...	*	54'006	+50'758	I·80	50.II220	9·0
...	40'448	-2'538	-4	...	...	...	46'795	-4'289	I·05	5I.II368	9·4	...	54'084	+19'278	-2	...	...
...	40'53I	-20'306	-4	...	...	...	46'874	-23'296	-5	...	...	...	54'5I0	-29'040	-5	<i>p</i>	...
...	40'687	+48'9I5	I·20	50.II2II	9·2	...	47'19I	-29'322	-5	...	...	...	54'690	-15'062	0·75	<i>e</i>	...
58I	+40'689	-46'583	-3	...	...	62I	+47'423	-29'063	0·80	...	...	66I	+54'763	+11'807	-5	...	...
...	40'74I	-33'110	-5	...	...	...	47'944	-57'460	I·20	52.II573	9·8	...	55'075	-31'19I	-5	...	...
...	40'988	+10'186	I·05	50.II2I2	9·2	...	47'970	-10'822	-3	...	...	...	55'294	+32'064	-5	...	...
...	4I'32I	+49'909	-5	...	...	...	48'080	-15'016	-2	...	...	...	55'427	+45'993	-3	...	...
...	4I'528	+40'830	0·90	...	...	...	48'167	+30'850	-5	...	...	*	55'897	+4'936	0·95	50.II22I	I0·8
...	+4I'570	+35'206	2·00	50.II2I3	8·6	...	+48'28I	-22'972	-5	...	...	...	+55'902	+50'462	-3	...	...
...	4I'692	+32'84I	I·00	50.II2I4	9·6	...	48'360	-6'875	-5	...	...	...	56'46I	+7'759	-5	...	...
...	4I'945	+3'44I	0·85	...	...	...	48'56I	+3'63I	0·70	...	...	e *	56'879	-18'562	I·00	5I.II372	I0·8
...	42'025	+6'053	-4	...	...	...	48'624	-33'08I	-I	...	...	...	56'943	+17'700	-5	...	...
...	42'185	-52'4I3	-5	...	...	*	49'0I3	-12'417	0·95	5I.II369	I0·2	...	57'555	-28'02I	0·70	<i>e</i>	...
59I	+42'389	+2'894	-5	...	...	63I	+49'158	+11'44I	0·80	...	...	67I	+57'8I0	+25'507	-4	...	...
...	42'399	+8'399	0·70	...	...	...	49'302	+52'694	-5	...	...	...	59'244	-34'264	-3	<i>e</i>	...
...	42'544	+52'047	I·00	50.II2I5	9·6	...	49'780	+23'607	0·80	...	...	...	59'637	-10'098	-4	<i>e</i>	...
...	42'650	+52'03I	I·00	...	...	...	50'073	-19'198	-4	...	...	...	59'692	+20'263	0·70	...	...
...	42'797	-2'43I	-5	...	...	...	50'439	+4'864	-5	...	...	...					
...	+42'960	-21'594	-2	...	...	...	+50'500	-20'352	-5	...	...	...					
...	43'063	-18'849	I·00	5I.II364	I0·2	...	50'592	+36'749	-2	...	...	...					
...	43'294	-46'412	I·10	5I.II365	9·4	*	50'768	-44'057	I·00	5I.II370	I0·2	...					
...	43'463	+48'553	-3	...	...	...	5I'174	+39'14I	-2	...	...	...					
...	43'582	-7'332	-4	...	...	...	5I'224	+11'089	-5	...	...	...					
60I	+43'703	-22'883	0·85	...	...	64I	+5I'266	+10'778	-5	...	...	...					
...	43'823	-27'609	-5	...	...	...	5I'286	+2'255	-4	...	...	...					
...	43'833	-56'713	-2	...	...	†	5I'443	+34'990	I·50	50.II2I8	9·4	...					
...	43'958	-35'400	-5	...	...	...	5I'502	+2'088	-2	...	...	...					
S *	44'397	+10'510	I·75	50.II2I6	8·8	...	5I'616	+37'138	-5	...	...	...					
...	+44'512	-36'276	-5	...	...	...	+5I'700	-5I'362	-4	...	...	...					
...	44'672	+38'317	-5	...	...	*	52'127	-8'274	I·00	5I.II37I	I0·2	...					
...	44'900	-42'96I	I·00	...	...	...	52'335	-27'990	-3	...	...	...					
...	45'084	-23'560	-3	...	...	...	52'39I	+16'814	-4	...	...	...					
...	45'086	-5I'029	-2	...	...	...	52'607	-29'666	0·90	<i>e</i>	...	...					

1-10						11-20						21-30					
I	-59'503	-29'808	-2	°	E	II	-54'456	+20'375	-4	°	...	2I	-5I'329	-44'768	I·45	5I.II375	9·0
...	59'490	+50'383	-5	...	...	...	53'76I	+36'91I	-3	...	...	S *	5I'104	+20'534	-5	...	...
...	59'34I	+31'984	-5	...	...	...	53'514	+37'273	-5	...	...	S *	50'808	+47'039	I·75	50.II225	8·7
...	59'108	-27'675	-3	E	...	...	53'494	+3'804	0·90	50.II222	I0·8	...	50'406	+0'053	-I	...	...
...	59'046	+11'725	-5	...	...	...	53'288	-9'969	-5	E	...	†	49'849	+6'522	-3	...	...
...	-58'018	-15'138	-2	E	...	...	-52'678	-34'13I	-5	E	...	...	-49'746	+35'574	0·75	...	...
...	57'623	+4'893	0·90	50.II22I	I0·8	...	52'657	-3'812	0·85	5I.II374	I0·8	...	49'73I	-40'934	-3	...	...
...	56'553	+25'535	-5	...	...	...	52'544	-3'304	0·95	5I.II373	I0·4	...	49'53I	+52'296	-3	...	...
E	55'684	-18'546	0·95	5I.II372	I0·8	...	52'418	+34'960	I·00	50.II223	I0·2	...	49'466	-34'500	0·95	...	...
...	54'63I	-27'968	-3	E	...	...	52'110	+45'987	I·00	50.II224	I0·4	†	49'459	-34'673	I·00	5I.II376	9·4

L measured from I, 104, 207, 318.

C " " 50, 154, 257, 362.

Notes.	Co-ordinates.		Diam. 0·65	G.P.D.		Notes.	Co-ordinates.		Diam. 0·65	C.P.D.		Notes.	Co-ordinates.		Diam. 0·65	G.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
31-90						91-150						151-210					
3I	-48·956	-3·816	-5	...	...	9I	-33·650	+23·035	0·85	...	...	15I	-15·978	+26·055	2·00	50.II243	9·0
...	48·879	-59·008	-5	...	...	*	33·629	-7·110	1·30	5I.II385	9·4	...	15·727	-20·031	-5	...	...
...	48·460	+55·167	0·80	50.II226	10·8	...	33·206	-41·804	0·70	...	...	...	15·417	-10·809	1·00	5I.II398	10·0
...	48·285	+20·052	0·70	...	...	...	32·978	+16·709	1·00	50.II234	10·4	†	14·977	-18·723	-4	...	...
...	47·976	-33·315	-5	...	...	...	32·505	+24·652	0·90	...	...	...	14·224	+47·795	-5	...	...
...	-47·771	-5·476	-4	...	...	...	-32·446	+58·411	-4	...	...	...	-14·036	-38·745	-5	...	...
...	47·231	-42·699	-5	...	...	...	31·852	-42·563	-4	...	...	...	13·930	+10·618	-1	...	...
...	46·667	+6·528	-5	...	...	...	31·387	-24·435	-5	...	...	...	13·608	+45·937	-5	...	...
...	46·585	+45·625	0·95	50.II227	10·8	...	31·341	+14·723	-3	...	...	...	12·922	-51·009	0·70	...	...
...	46·555	-21·919	1·00	51.II378	10·8	...	31·119	+38·599	0·90	50.II235	10·8	S *	12·798	+30·693	4·00	50.II244	7·0
4I	-46·518	-36·573	0·95	51.II377	10·8	IOI	-30·897	-53·912	0·70	...	...	16I	-12·324	+18·708	1·00	50.II245	10·4
*	46·482	+58·086	2·00	50.II228	8·6	...	30·655	+36·565	-3	...	...	...	12·046	+13·234	-5	...	...
...	46·404	+33·532	-3	...	...	S *	30·497	-34·458	1·35	51.II386	9·4	...	11·637	-43·324	-4	...	...
...	46·382	-14·672	-4	...	...	†	29·894	-0·394	1·00	51.II388	10·8	...	10·715	+39·247	-4	...	...
...	46·158	-37·258	-5	...	...	...	29·664	+10·053	1·00	50.II236	10·0	...	10·711	+49·972	-2	...	...
...	-45·965	+31·812	-5	...	...	†	-29·662	-44·646	0·85	51.II387	10·8	†	-9·974	-31·823	0·65	...	...
...	45·597	+55·033	0·80	50.II229	10·4	...	29·470	-2·841	-3	...	...	...	9·452	+19·867	1·00	50.II246	10·8
...	45·546	+7·407	-1	...	...	...	29·353	+32·712	-1	...	...	...	9·376	-18·503	-5	...	...
...	45·379	-8·146	-4	...	...	...	29·072	-56·852	1·00	52.II591	10·8	...	9·126	-15·829	-1	51.II399	10·8
...	44·799	+29·465	-5	...	...	...	28·810	+2·429	-1	...	...	...	8·842	+58·602	-3	...	...
5I	-44·700	-48·323	-3	...	...	III	-28·756	+45·580	-5	...	...	17I	-8·691	+51·171	-5	...	...
*	44·693	-56·855	1·20	52.II583	10·0	...	28·649	+45·884	-5	...	...	...	8·607	-19·976	-5	...	...
*	44·593	-45·135	1·50	51.II379	9·0	*	28·301	+46·359	1·05	50.II237	9·7	...	7·939	+20·833	-5	...	...
...	44·589	+39·738	-4	...	...	*	28·284	-50·656	1·05	51.II389	10·0	...	7·739	+52·107	0·65	...	...
...	43·789	-51·473	-5	...	...	...	28·259	+32·694	-5	...	...	...	7·679	-13·473	-5	...	...
...	-43·349	+29·127	-5	...	...	...	-27·816	+49·465	-3	...	...	†	-7·601	-29·703	0·95	51.II400	10·4
...	43·295	+36·028	-5	...	...	*	27·741	-26·798	1·20	51.II390	9·4	...	7·566	+46·974	-5	...	...
...	43·129	-22·661	-4	...	...	...	27·037	+33·140	1·00	50.II239	10·4	...	7·244	+58·595	-3	...	...
...	42·910	-3·337	-5	...	...	*	26·950	+9·453	1·40	50.II238	9·0	...	7·076	+34·911	1·00	50.II248	10·6
...	42·690	+46·114	-5	...	...	...	26·130	+42·464	-5	...	...	...	6·605	-27·873	-4	...	...
6I	-42·067	+36·140	-5	...	...	12I	-26·039	+17·286	-5	...	...	18I	-6·564	+35·046	-2	...	...
...	41·746	-33·269	-5	...	...	...	26·024	+53·160	0·80	...	...	†	6·466	+57·243	0·80	...	...
...	41·577	+30·317	-3	...	...	...	25·945	+33·683	0·85	...	...	*	6·382	-6·317	1·40	51.II401	9·6
...	40·806	+27·838	0·80	...	...	*	25·620	-43·080	1·10	51.II391	10·0	...	6·258	+6·224	-4	...	...
...	40·036	+43·288	-2	...	...	...	25·164	-45·365	-3	...	...	...	6·153	+42·010	-5	...	...
...	-40·027	-36·201	0·80	...	...	...	-24·698	-1·947	-5	...	...	...	-6·100	+2·962	-1	...	...
...	39·546	+38·466	-3	...	...	*	24·182	-37·408	1·00	51.II392	10·0	...	5·507	+8·136	-4	...	...
...	39·422	-10·913	-5	...	...	*	24·003	-21·938	2·00	51.II393	8·8	...	5·147	+21·495	1·00	50.II249	10·8
...	39·359	-46·424	-3	...	...	...	23·722	+46·008	1·00	50.II240	10·8	...	4·272	-47·392	0·70	...	...
...	39·340	-17·319	-2	...	...	...	23·367	+58·391	-4	...	...	...	3·702	+5·029	-4	...	...
7I	-39·132	+15·893	1·35	50.II230	9·2	13I	-23·302	+25·630	-1	...	...	19I	-3·453	-53·516	0·85	51.II402	10·8
†	38·791	+0·203	1·00	51.II380	10·4	...	23·110	+17·351	-5	...	...	...	3·428	-59·087	-3	...	...
*	38·782	+22·722	1·40	50.II231	9·2	...	22·958	-30·031	-3	...	...	...	3·413	-39·640	0·65	...	...
...	38·113	+40·233	1·00	50.II232	10·6	*	22·923	-22·034	1·30	51.II395	9·4	...	3·261	-55·884	-4	...	...
...	38·049	+1·470	-4	...	...	...	22·911	-5·219	-5	...	...	†	3·215	+10·211	-3	...	...
...	-37·453	+24·877	-3	...	...	*	-22·739	-53·720	1·30	51.II394	9·6	...	-3·052	+7·461	-2	...	...
...	37·187	-12·373	-5	...	...	...	22·677	+17·053	-3	...	...	...	2·997	+55·290	-5	...	...
...	37·081	-12·678	-5	...	...	...	20·479	-7·765	1·00	...	...	...	2·913	+24·460	-5	...	...
*	36·901	-42·962	1·70	51.II381	8·8	...	20·287	-35·071	-5	...	...	...	2·853	+5·902	-2	...	...
...	36·655	-47·869	0·80	...	...	...	20·029	+1·666	-4	...	...	...	1·984	-59·405	-5	...	...
8I	-36·249	+3·895	-5	...	...	14I	-19·318	-27·758	-5	...	...	20I	-1·358	+25·789	-4	...	...
...	35·933	-15·209	-5	...	...	...	18·893	+53·080	-5	...	...	...	1·343	-50·922	-5	...	...
...	35·587	-49·955	-5	...	...	...	18·774	-40·147	-5	...	...	...	1·339	-34·093	-3	...	...
†	34·980	-6·431	0·70	51.II382	10·8	...	18·020	+28·252	-4	...	...	...	0·969	-2·888	1·05	51.II403	10·8
...	34·977	+48·403	-4	...	...	N	17·736	+46·250	1·25	50.II242	9·7	...	0·605	+26·775	-5	...	...
†	-34·880	-14·797	1·20	51.II383	9·4	*	-17·679	+17·275	1·00	50.II241	10·0	...	-0·231	+16·935	-5	...	...
...	34·750	-57·989	-4	...	...	...	17·451	-37·512	-5	...	...	...	+0·403	-23·130	1·00	51.II404	10·8
...	34·539	+10·778	-3	...	...	...	16·775	+34·092	-5	...	...	...	0·617	+7·793	-5	...	...
...	33·977	-29·260	1·00	51.II384	10·8	S *	16·383	-7·598	2·85	51.II397	8·2	*	0·660	+25·812	1·20	50.II251	9·6
...	33·803	+42·855	1·00	50.II233	10·8	...	16·098	-51·468	1·00	51.II396	10·4	...	1·316	-18·176	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.	
211-270						271-330						331-390						
2II	+	1'455	-6'705	-5	...	27I	+	18'147	+13'402	0'65	...	33I	+	32'673	+57'702	2'60	50.II266 8'4	
...	...	1'496	+44'679	1'00	50.II252 10'8	...	...	18'236	+7'538	0'75	...	...	...	32'808	+11'938	1'00	50.II267 10'4	
...	...	1'868	-39'834	1'00	51.II405 9'8	...	...	18'255	+47'963	-1	...	...	...	33'015	+27'925	-5	...	
...	...	2'005	+14'496	1'00	50.II253 10'4	...	...	18'420	-31'857	-4	...	...	...	35'203	+41'660	-5	...	
...	...	2'081	-8'287	-5	...	...	*	19'111	+42'830	1'40	50.II261 9'4	...	...	35'548	-27'755	-5	...	
...	+	2'151	-39'790	-2	...	...	...	19'309	-48'546	-3	...	...	...	35'790	+16'186	-3	...	
...	...	2'486	+0'451	-3	a m	...	...	19'460	+3'043	-2	...	...	...	35'871	+11'442	-2	...	
S *	...	2'517	-50'374	1'35	51.II406 9'2	...	...	19'538	+36'132	-5	...	...	*	35'910	-9'056	1'20	51.II415 9'6	
...	...	3'538	+46'923	-5	...	...	...	20'202	-12'021	0'85	...	...	...	35'943	-0'371	-5	...	
...	...	4'122	+0'257	-5	a	...	...	20'313	+53'741	-5	...	...	...	36'016	+23'900	-5	...	
22I	...	+	4'192	-56'572	-5	...	28I	+	20'457	+36'166	0'90	...	34I	+	36'355	+1'847	-3	...
...	...	5'158	-28'601	-5	...	...	...	20'863	+34'464	1'00	50.II262 10'8	...	...	36'952	+22'131	-5	...	
...	...	5'432	-42'800	-4	...	...	...	20'875	+20'710	-3	...	...	...	37'185	+18'033	0'75	...	
...	...	5'726	+30'012	-4	...	...	...	21'116	+44'449	-4	...	...	...	37'472	+26'835	-5	...	
...	...	5'927	+35'414	-3	...	...	...	21'293	-37'705	-5	...	...	...	37'598	-21'475	-2	...	
...	+	5'933	-17'794	-5	...	...	...	22'276	+9'282	0'70	...	...	...	38'010	+1'569	0'90	...	
...	...	6'065	-28'477	-2	...	...	...	22'310	-14'973	-4	...	...	...	38'559	+19'144	-1	...	
S *	...	6'532	+44'651	1'70	50.II254 8'8	...	...	22'553	+27'239	-5	...	...	...	38'685	+6'002	1'00	50.II268 10'8	
†	...	6'638	-44'714	-3	...	...	...	22'681	+11'078	-4	...	...	...	39'034	-41'672	0'75	...	
...	...	7'011	-59'216	-5	...	...	...	22'800	+22'881	-4	...	...	...	40'180	+36'545	-5	m	
23I	...	+	7'257	-26'116	-4	...	29I	+	22'955	-10'507	-4	...	35I	+	40'228	-26'238	-5	p
...	...	7'320	-47'821	-1	...	...	...	23'269	+15'051	-4	...	...	...	40'267	-19'905	-1	...	
*	...	7'733	-43'276	1'10	51.II407 9'6	S *	...	23'537	-29'587	1'20	51.II409 9'4	...	...	41'276	-42'894	-1	...	
...	...	7'821	+46'209	-2	...	...	...	23'687	+7'765	-3	...	...	...	41'347	+5'695	0'90	50.II269 10'8	
...	...	8'356	-41'442	-5	...	...	...	23'902	-45'671	-5	...	...	*	42'183	+6'440	1'10	50.II270 9'7	
...	+	8'768	-16'670	-4	...	...	...	24'273	+54'800	1'10	50.II263 10'2	...	...	42'196	+33'125	-5	...	
*	...	9'130	+35'250	1'20	50.II255 9'6	...	...	24'495	+29'888	-5	...	...	...	43'059	-19'471	-5	...	
...	...	9'456	-17'712	-5	...	...	...	24'946	-14'076	-3	...	...	...	43'075	-33'543	1'00	51.II416 10'8	
...	...	10'112	+13'347	-5	...	...	...	24'986	+37'656	-3	...	...	...	43'533	-11'557	-3	...	
...	...	10'247	-36'175	-2	...	...	...	25'027	-11'625	-3	...	...	...	43'969	-41'410	-5	...	
24I	...	+	10'348	+40'855	1'80	50.II256 9'0	30I	+	25'070	-33'028	-4	...	36I	+	44'250	+6'624	0'75	...
*	...	10'729	+41'216	-3	...	...	...	25'231	+44'535	1'00	50.II264 10'8	*	...	45'222	+16'930	1'05	50.II271 10'0	
...	...	10'936	+40'613	1'00	50.II257 10'0	...	...	25'266	-20'952	-3	...	...	...	45'335	+27'516	-5	m	
...	...	11'168	+22'247	-3	...	...	...	25'284	+37'584	-4	...	...	...	45'531	+29'650	-4	...	
...	...	11'603	+31'571	-2	...	...	...	25'471	+16'452	-5	...	...	...	45'598	-7'551	-3	...	
...	+	11'814	+20'612	-5	...	...	...	25'497	-30'007	-4	p	...	...	45'733	-27'499	-4	...	
...	...	12'063	-46'819	-5	...	...	...	25'760	-25'049	-5	...	...	...	46'303	-6'074	-4	...	
...	...	12'200	-4'337	-5	...	...	*	25'772	-49'500	1'00	51.II410 10'2	...	...	46'374	+52'161	-3	...	
...	...	12'320	+17'434	-5	...	...	...	25'824	+57'211	1'00	50.II265 10'8	†	...	46'538	+20'156	-5	...	
...	...	12'369	-6'868	1'80	51.II408 9'2	...	...	26'110	-54'634	-4	...	...	...	46'878	+36'075	-5	...	
25I	...	+	13'164	+32'955	-3	...	31I	+	26'463	+13'573	-5	...	37I	+	48'022	-31'493	1'10	51.II417 10'4
...	...	13'372	-58'485	-2	...	...	...	26'468	+18'094	-3	...	...	...	48'485	-15'484	-4	...	
...	...	13'578	-35'223	0'95	...	...	...	27'829	-39'492	0'95	51.II412 10'8	...	...	48'518	+50'817	-3	...	
...	...	13'745	-41'581	0'90	...	...	*	27'973	-1'858	1'70	51.II411 9'0	*	...	48'673	+1'987	1'90	51.II418 9'0	
...	...	14'156	+59'254	-5	...	...	...	28'295	-56'872	0'90	...	...	...	48'674	+5'377	-5	...	
...	+	14'529	+25'617	-2	...	...	...	28'808	+31'741	-5	...	...	...	49'036	-21'649	-5	...	
†	...	14'963	-23'292	-4	...	...	...	29'243	+10'573	-5	...	...	...	49'523	-15'063	-5	...	
†	...	14'976	+20'166	-1	50.II258 10'8	...	...	29'961	-40'973	-2	...	...	...	49'572	-22'395	-5	...	
...	...	15'189	+42'423	0'65	...	...	...	29'966	+49'456	-5	...	...	...	49'691	-19'461	-3	...	
...	...	15'270	-18'225	-2	...	...	...	30'057	-4'109	-5	...	...	...	50'771	-0'657	-5	...	
26I	...	+	16'148	+44'415	-3	...	32I	+	30'218	-49'401	-5	...	38I	+	50'872	+57'031	-5	...
...	...	16'224	+25'955	-4	...	...	...	30'296	-1'629	0'90	51.II413 10'8	...	...	50'967	-32'884	-4	...	
...	...	16'290	-38'664	-5	...	...	...	30'363	-36'465	0'95	...	...	...	51'080	-31'154	-4	...	
†	...	16'680	+20'134	0'85	50.II259 10'8	...	...	30'364	-18'298	-5	...	...	...	51'319	-0'176	-3	...	
...	...	16'698	-49'374	0'75	...	...	...	30'693	-55'315	-5	...	...	...	51'607	+38'888	-4	...	
...	+	16'875	+4'257	-5	m	...	...	31'019	+50'314	-5	...	S *	...	51'820	+8'047	1'80	50.II274 8'4	
*	...	17'200	+45'176	1'00	50.II260 10'0	...	...	32'035	-24'054	-5	...	...	...	52'014	+40'552	-5	...	
†	...	17'505	+55'026	-5	...	...	*	32'073	+3'469	1'00	51.II414 10'0	...	...	52'262	+17'416	-3	...	
...	...	17'543	+51'182	-5	b	...	...	32'382	+32'783	-3	...	...	...	52'381	+48'912	0'80	50.II273 10'8	
...	...	18'012	-38'961	-2	...	...	...	32'550	+24'128	-2	...	e *	...	52'985	-41'849	1'40	51.II419 9'0	

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.			
	<i>x</i>	<i>y</i>		o'65	No.		Mag.	<i>x</i>		<i>y</i>	o'65		No.	Mag.		<i>x</i>	<i>y</i>	o'65	No.
391-400						401-410						411-419							
39I						40I						41I							
...	+53°033	-12°120	-4	°	<i>e</i>	...	+55°495	+24°708	-4	°	...	...	...	+58°131	-20°427	-3	°	<i>e</i>	...
...	53°068	-12°094	-3		<i>e</i>	...	55°769	+26°045	1°20	50.II276	9·6	...	...	58°312	+47°700	-4		...	...
...	53°101	-30°334	-2		<i>e</i>	...	56°213	-38°745	1°90	51.II423	9·2	...	...	58°565	+12°814	-3		...	...
...	53°716	+14°031	-5		...	...	56°239	+15°234	-5		...	...	...	58°626	+14°927	-5		...	...
Se †	53°731	-44°681	2·50	51.II420	8·0	...	56°360	-29°055	0°70	<i>e</i>	...	...	...	58°701	+13°697	0°70		...	...
<i>e</i>	+54°087	-51°309	1°00	51.II421	10·8	...	+56°396	+12°105	-5		...	...	*	+59°154	+0°955	1°15	51.II424	9·8	
...	54°181	-23°719	-5		...	...	56°685	-44°014	-4	<i>e</i>	...	...	...	59°272	-10°275	-3		<i>e</i>	...
*	54°300	+21°303	1°05	50.II275	10·4	...	57°071	+23°821	-4	<i>e</i>	...	...	...	59°276	-18°769	-1		<i>e</i>	...
...	54°722	+54°575	-5	<i>m</i>	...	...	57°507	-51°391	-4	<i>e</i>	...	...	*	59°431	+49°928	1°30	50.II277	9·2	
<i>e</i> *	55°189	-51°196	2°00	51.II422	9·0	...	57°681	+32°523	-4		...	...							

1-40						41-80						81-120					
I	-59°876	+21°179	1°15	50.II275	10·4	4I	-50°686	+31°354	-2	°	...	8I	-43°517	-8°617	-5	°	...
...	59°772	-12°263	-5	E	...	...	50°634	+18°250	-5	...	...	...	43°410	+45°006	1°00	50.II281	10·8
...	59°749	-12°233	-3	E	...	...	50°274	+15°704	0°70	...	...	...	43°181	+7°087	-5	M	...
...	58°968	-30°458	-1	E	...	†	50°161	+5°844	0°80	...	...	...	43°123	-18°002	0°85	...	...
...	58°808	+24°628	-5	...	...	...	49°873	+11°951	0°90	...	...	...	43°121	-40°654	-3	...	...
E *	-58°631	-41°961	1°70	51.II419	9·0	...	-49°793	+3°006	0°70	...	...	...	-42°874	+10°132	0°70	...	...
*	58°605	+25°981	1°25	50.II276	9·6	...	49°285	-35°198	-5	...	...	...	42°851	+48°242	-4	...	...
SE *	57°853	-11°976	-5	...	...	...	49°204	+35°611	-5	M	...	*	42°743	+13°499	1°20	50.II280	9·4
...	57°754	-44°767	2°75	51.II420	8·0	...	48°794	+2°955	-5	M	...	...	42°741	+5°067	-5	...	...
...	57°690	+15°199	-4	...	...	...	48°551	+26°935	-5	M	...	*	42°269	+22°100	1°20	50.II282	9·8
II	-57°417	+12°077	-5	...	...	5I	-48°299	-34°581	-5	...	...	9I	-42°076	+11°588	-4	...	...
...	57°201	+23°816	-4	E	...	...	48°235	+48°959	-3	...	...	...	41°966	+24°792	-5	M	...
E	57°133	-51°374	1°10	51.II421	10·8	...	48°181	-29°885	-5	<i>p</i>	...	...	41°768	-6°471	-5	...	...
...	56°957	+32°523	-3	...	...	...	48°019	-33°103	0°85	...	...	...	40°947	-48°946	-3	...	...
...	56°933	+47°715	-3	...	...	...	47°694	-49°896	-5	...	...	*	40°864	-31°773	1°35	51.II427	9·2
E *	-56°045	-51°222	1°60	51.II422	9·0	...	-47°646	+12°417	0°95	...	...	...	-40°769	+18°129	-5	M	...
...	55°943	-56°213	-5	...	...	...	47°628	+19°361	-3	...	...	...	40°541	-46°657	-3	...	...
*	55°905	+49°992	1°25	50.II277	9·2	...	47°607	-22°307	0°90	...	...	...	40°452	+50°117	-3	...	...
...	55°777	-29°046	0°85	E	...	...	47°599	-43°565	1°00	51.II425	10·8	...	40°423	-39°818	-3	...	...
E *	55°533	-38°738	1°80	51.II423	9·2	...	47°528	-55°957	-5	...	...	...	40°400	+16°380	-3	...	...
2I	-55°299	+14°986	-5	...	...	6I	-47°285	-34°603	-5	...	...	10I	-40°274	-34°877	0°70	...	...
†	55°281	+12°872	-2	...	...	...	47°273	-56°807	-5	...	...	...	40°106	+33°156	-4	...	...
...	55°159	+13°764	0°85	...	...	...	47°197	+15°942	0°70	...	...	...	39°922	-3°528	-5	...	...
...	54°835	-43°981	-4	E	...	...	47°011	+8°913	-2	...	...	...	39°896	+44°023	0°85	...	...
...	54°352	-20°351	0°70	E	...	...	46°852	-27°724	0°90	...	...	*	39°836	-42°732	1°60	51.II428	9·0
...	-54°192	+45°846	1°00	50.II278	10·8	...	-46°379	-53°567	0°95	...	...	*	-39°054	+13°333	1°30	50.II283	9·6
*	54°191	+1°053	1°25	51.II424	9·8	...	46°375	+5°005	0°85	...	...	...	38°908	-18°521	-5	...	...
...	53°877	-28°250	-5	...	...	...	46°343	+30°196	0°95	50.II279	10·8	...	38°442	+4°184	0°85	...	...
...	53°724	-51°321	-1	E	...	*	46°313	-39°871	1°80	51.II426	8·8	...	38°406	+18°105	-5	M	...
...	53°626	-10°160	0°85	E	...	...	46°186	-39°364	-5	...	...	...	37°569	+7°837	0°70	...	...
3I	-53°285	-18°645	0°80	E	...	7I	-46°007	+38°129	-3	...	...	III	-37°517	+48°397	-5	M	...
...	52°908	-7°068	0°70	...	...	...	45°891	-13°030	0°75	...	...	...	37°437	+22°537	0°75	...	...
...	52°905	-11°930	-5	<i>p</i>	...	...	45°607	+56°594	-5	...	...	...	37°403	-44°602	-2	...	...
...	52°127	+48°295	-5	M	...	...	45°329	+31°861	-5	M	...	...	37°097	+24°523	-5	M	...
...	51°923	+37°376	-5	M	...	...	45°050	-31°071	-1	...	...	S *	36°909	+15°935	2°00	50.II284	8·6
...	-51°921	+53°089	-5	...	...	...	-44°754	+37°132	-3	...	...	...	-36°691	-19°732	-4	...	...
...	51°695	+39°811	-5	M	...	...	44°381	+18°407	-4	...	...	...	36°466	+25°006	-4	...	...
...	51°646	+51°018	-4	...	...	...	44°229	-0°993	-4	...	...	...	36°199	-24°936	0°85	...	...
...	50°722	+23°696	0°80	...	...	...	44°061	-21°948	-4	...	...	...	36°046	+9°756	-5	...	...
...	50°711	-53°690	1°05	...	...	...	44°045	-2°397	-5	<i>p</i>	...	...	35°783	+35°906	0°70	...	...

L measured from 1, 156, 268, 379.

C " " 75, 212, 318, 440.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
121-180						181-240						241-300					
I2I	-35.519	+ 5.119	1.15	50.II285	10.0	I8I	-25.101	-33.288	0.90	...	...	24I	- 7.579	-23.759	1.00	51.II436	10.8
*	35.492	- 5.087	- 5	p	...	S *	24.313	+43.844	1.45	50.II291	9.2	...	7.119	+15.201	- 4	...	...
...	35.331	+39.036	- 4	...	...	...	24.265	- 9.375	- 5	...	...	...	6.815	+23.472	- 4	...	...
...	35.322	-16.633	- 3	...	...	...	23.920	-23.241	0.70	...	...	...	6.691	+48.077	0.70	...	...
†	35.196	-19.238	- 3	...	...	...	23.761	+54.210	0.90	...	...	*	6.527	+23.552	3.10	50.II299	7.8
...	-35.088	-20.724	0.85	...	...	...	-23.739	+21.592	- 5	...	...	...	- 6.052	-14.693	- 4	...	...
...	34.982	+35.516	0.75	...	...	...	23.133	-45.122	- 5	...	...	...	5.872	-30.271	- 4	...	...
...	34.615	-22.246	- 5	p	...	...	22.745	+10.191	- 3	...	...	...	5.695	- 6.053	0.80	...	...
...	34.585	-53.666	- 3	...	...	...	22.555	-40.132	0.75	...	...	...	5.611	-43.328	- 5	...	...
...	34.568	- 8.748	0.85	...	...	...	22.374	-58.231	- 5	...	...	†	5.345	+57.461	1.00	50.II300	10.8
I3I	-34.361	+23.099	- 5	M	...	I9I	-22.276	+35.573	0.95	50.II292	10.8	25I	- 4.903	+41.401	1.00	50.II301	10.4
...	34.322	-55.443	- 4	...	...	†	21.768	+ 0.444	- 5	M	...	...	4.846	+50.467	0.70	...	...
...	34.077	+53.291	0.70	...	...	...	21.507	+49.170	- 5	...	...	...	4.401	-23.296	- 5	...	...
...	33.628	+44.938	0.80	...	...	*	20.755	-18.615	1.00	51.II432	10.8	...	4.297	+43.730	0.70	...	...
...	33.627	+18.650	1.00	50.II286	10.8	...	20.528	+24.085	- 4	...	...	...	3.891	-37.485	- 5	...	...
...	-33.589	+58.788	- 5	...	...	...	-20.470	-37.812	- 2	...	...	...	- 3.817	+ 4.882	- 4	...	...
...	33.298	+53.023	- 5	M	...	S *	20.461	-43.124	1.30	51.II433	9.4	...	3.742	-57.214	- 3	...	...
...	33.139	+12.417	0.70	...	...	*	20.134	+49.602	1.00	50.II293	10.0	...	3.570	- 1.989	0.75	...	...
*	33.130	-39.758	1.20	51.II429	9.6	...	20.005	+42.800	- 4	...	...	...	3.533	+27.886	0.85	...	...
...	32.914	+45.698	- 5	M	...	...	19.500	+28.642	0.80	...	...	...	3.396	+ 5.219	- 5	M	...
I4I	-32.775	-27.385	- 5	...	...	20I	-19.347	-15.394	0.80	...	...	26I	- 3.245	+48.005	0.80	...	...
...	32.755	+10.217	1.00	50.II287	10.8	...	18.590	-28.682	- 5	...	...	...	3.045	+12.071	- 3	...	...
...	32.511	-24.939	- 5	p	...	...	18.551	+49.330	0.90	...	...	*	2.864	- 5.460	1.40	51.II437	9.4
...	32.339	-51.641	1.00	...	...	...	18.437	-20.266	- 2	...	...	...	2.271	-14.131	0.90	...	...
...	32.329	-38.845	1.00	...	...	...	18.174	-45.599	- 5	...	...	...	1.431	-50.735	- 5	...	...
...	-32.300	-41.286	- 5	...	...	...	-18.006	+37.572	- 4	...	...	...	- 0.905	+17.318	- 5	Mm	...
...	32.210	-45.464	- 5	...	...	...	17.018	-22.171	- 3	...	...	...	0.473	+27.324	- 3	...	...
*	32.126	-17.715	1.00	51.II430	10.6	...	16.657	-28.885	0.80	...	...	...	- 0.074	-53.210	- 5	...	...
...	31.901	+47.210	- 4	A	...	...	16.458	-21.887	- 5	...	...	...	+ 0.061	-56.211	- 5	...	...
†	31.783	+ 0.406	- 5	M	...	...	16.415	-19.295	- 4	...	...	†	0.214	+15.467	- 3	...	...
I5I	-31.602	+27.663	- 4	...	...	21I	-15.774	+25.398	- 5	M	...	27I	+ 0.743	- 9.729	0.75	...	...
...	31.425	-17.747	- 4	...	...	†	15.095	+56.459	0.85	...	...	...	0.750	-38.079	0.80	...	...
...	31.419	+16.724	- 4	...	...	...	15.078	-51.220	1.00	...	...	...	1.052	+43.927	- 5	...	...
...	31.240	-14.018	- 4	...	...	...	14.692	+15.697	1.00	50.II294	10.8	...	1.054	-31.064	0.75	...	...
...	30.412	-31.782	- 4	...	...	...	14.585	-30.882	- 4	...	...	...	1.343	-31.906	1.00	51.II438	10.8
...	-30.021	+40.737	- 5	M	...	...	-14.378	-24.963	- 5	...	...	...	+ 1.345	-36.649	- 5	...	...
...	30.015	-27.450	- 5	...	...	...	14.147	+19.833	- 4	...	...	...	2.136	+ 3.756	0.80	...	...
...	29.747	- 0.107	0.70	...	...	...	13.166	-46.574	0.80	...	...	...	2.407	+ 1.690	- 5	...	...
...	29.457	- 7.173	- 5	p	...	S *	13.147	- 1.070	2.55	51.II434	8.2	...	2.702	-45.573	- 5	...	...
...	29.285	+53.515	0.95	...	...	*	12.825	-38.403	1.10	51.II435	10.2	...	3.179	+26.070	0.95	50.II302	10.6
I6I	-29.226	+54.369	1.50	50.II289	9.2	22I	-12.644	-55.808	- 5	...	...	28I	+ 3.367	+55.018	- 4	...	...
*	29.142	+41.448	0.90	...	...	...	12.236	- 7.596	- 3	...	...	*	3.461	+31.628	1.00	50.II303	10.0
...	29.074	-26.780	- 4	...	...	*	11.932	+44.840	1.00	50.II296	10.4	†	3.745	-39.402	- 5	...	...
...	28.930	+ 8.598	0.95	50.II288	10.8	...	11.845	+25.567	0.90	50.II295	10.8	*	4.044	+24.933	1.10	50.II304	9.6
*	28.905	-40.409	1.00	51.II431	10.4	...	11.817	+57.302	- 4	...	...	†	4.121	+60.231	- 3	...	...
...	-28.886	+38.820	- 2	...	...	...	-11.728	+11.122	- 5	M	...	...	+ 4.250	+23.666	0.80	...	...
...	28.769	+25.670	0.90	...	...	...	11.665	+11.556	- 4	...	...	...	4.370	+42.963	1.00	50.II305	10.4
...	28.627	+26.815	0.75	...	...	...	11.121	+17.078	- 4	...	...	...	4.481	+11.537	- 4	...	...
...	28.365	- 8.497	- 5	...	...	...	10.629	+29.938	- 4	...	...	S *	4.902	+22.795	2.90	50.II306	7.8
...	27.885	+ 7.318	0.70	...	...	*	9.721	+27.832	1.70	50.II298	9.0	...	5.190	+26.454	- 2	...	...
I7I	-27.146	+43.470	0.90	...	...	23I	- 9.313	+28.761	- 2	...	...	29I	+ 5.276	+14.098	1.00	50.II307	10.2
...	26.809	+55.163	- 4	...	...	...	9.161	+ 2.457	- 5	M	...	*	5.724	-14.204	0.85	...	...
...	26.683	-39.651	- 5	...	...	...	9.084	+44.203	- 5	M	...	...	6.190	+36.315	0.95	50.II308	10.8
...	26.592	+45.577	- 5	M	...	...	8.848	+ 3.682	- 5	M	...	...	6.750	-35.202	0.80	...	...
*	26.585	+35.920	1.00	50.II290	10.0	...	8.848	- 9.915	- 5	p	...	*	6.903	+ 5.035	1.05	50.II309	10.2
...	-26.546	-18.271	- 5	...	...	...	- 8.568	+ 7.678	- 5	M	...	...	+ 7.651	- 2.709	0.90	51.II439	10.8
...	26.029	+37.357	- 5	...	...	...	8.537	-12.946	- 5	...	...	*	8.162	+35.131	1.00	50.II310	10.0
...	25.813	+17.441	0.90	...	...	...	8.318	+17.286	0.70	...	...	...	8.199	+45.051	0.90	...	...
...	25.783	-29.732	- 5	...	...	...	8.246	-15.006	0.70	...	...	...	8.208	+ 1.338	0.85	...	...
...	25.674	+27.784	- 2	...	...	...	7.664	+33.866	- 4	...	...	...	8.276	+55.830	- 5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
301-360						361-420						421-480					
30I	+ 8'315	+40'002	-5	°	...	36I	+26'364	-1'970	0'70	°	...	42I	+38'937	-25'440	-4	°	...
...	8'405	-33'634	-3	...	...	...	26'528	+19'141	0'70	...	...	...	39'284	+11'182	-5	...	...
...	8'737	-40'178	0'95	...	...	...	26'546	-19'343	-3	...	...	...	39'675	+24'335	-5	m	...
...	9'094	-34'982	0'90	...	...	...	27'028	-1'637	-3	...	...	S *	39'836	+7'782	1'70	50.II324	8·7
...	9'212	-22'528	-5	...	...	...	27'431	-8'867	-5	...	...	...	40'039	+7'833	0'70	...	...
...	+10'121	-33'753	0'70	...	...	*	+27'556	-13'415	1'00	51.II445	10·4	...	+40'409	+49'668	-4	...	...
...	10'605	-42'252	-5	...	...	...	27'843	-29'044	0'75	...	...	...	40'933	-0'316	-2	...	...
S *	10'831	-48'245	1'30	51.II440	9·6	...	27'922	-55'725	0'80	...	...	...	41'053	+55'766	-2	...	...
...	10'994	-43'633	0'90	...	...	...	27'971	-52'823	1'00	...	...	...	41'799	-13'338	-3	...	...
...	11'121	-3'280	-5	p	...	...	28'030	+10'721	0'70	...	...	...	41'921	-10'182	-3	...	...
31I	+11'321	-54'733	-3	...	...	37I	+28'065	+22'861	-5	...	...	43I	+42'075	-23'993	-4	...	...
...	11'352	+29'818	1'00	50.II311	10·8	...	28'089	-21'004	-5	...	...	*	42'268	-46'967	1'40	51.II449	9·6
...	11'479	-11'856	-5	...	...	...	28'209	+2'396	-3	...	...	...	42'325	-16'601	-5	...	...
...	11'482	-24'400	-5	...	...	...	28'332	+56'547	1'00	...	...	*	42'611	-6'530	1'05	51.II448	10·4
...	11'813	-33'753	-4	...	...	...	28'493	+32'762	-2	...	...	...	42'758	-56'572	-2	...	...
*	+11'891	+26'512	1'30	50.II312	9·2	*	+28'688	+28'857	1'00	50.II318	10·8	...	+42'833	+14'739	0'85	...	...
...	13'634	+38'454	-5	...	...	...	29'279	+13'107	-2	...	...	*	42'854	-21'201	1'00	51.II450	10·8
*	15'373	-5'913	1'40	51.II441	9·4	...	29'324	-1'746	0'70	...	...	*	43'124	-58'310	1'15	52.II660	10·8
...	15'458	+47'448	0'75	...	...	...	29'664	-47'625	-5	...	...	...	43'210	-11'353	0'70	...	...
*	15'683	+53'345	1'10	50.II313	10·2	...	29'734	+26'015	-2	...	...	...	44'679	-13'706	-3	...	...
32I	+15'756	+48'789	-1	...	...	38I	+29'966	-29'044	0'70	...	...	44I	+44'717	+59'622	-4	...	...
...	15'788	+2'938	-4	...	...	...	29'988	+32'559	-3	...	...	...	44'975	-1'011	-3	...	...
...	16'001	+1'301	-5	...	...	...	30'202	+29'725	0'85	...	...	...	45'115	+49'473	-5	...	...
...	16'049	-28'462	-5	...	...	...	30'502	-46'801	-5	...	...	...	45'570	+8'635	-3	...	...
*	16'309	+20'324	1'15	50.II314	9·8	...	30'938	+14'248	-5	...	...	*	45'596	+30'023	1'20	50.II325	9·4
...	+16'591	+24'355	0'70	...	...	*	+30'972	+30'714	1'00	50.II319	10·4	...	+45'630	-7'193	-3	...	...
...	16'593	+24'595	-3	...	...	...	31'458	+47'214	-5	...	...	...	45'664	+25'224	-4	...	...
...	16'626	+56'279	-5	...	...	...	31'613	-39'822	-5	...	...	S *	45'753	-24'058	3'00	51.II451	7·2
...	16'902	+34'674	-4	...	...	...	31'893	-45'488	-5	p	...	*	46'292	+1'589	1'05	51.II452	10·4
*	17'192	-13'873	1'00	51.II442	10·0	*	32'031	-47'128	1'20	51.II446	9·6	...	46'527	-58'999	-1	...	...
33I	+17'417	-30'503	0'95	...	...	39I	+32'125	-1'979	0'80	...	...	45I	+46'673	+30'381	0'95	...	...
...	17'846	+21'837	-5	...	...	...	32'209	+7'584	-5	...	...	†	46'794	+8'742	1'00	50.II326	10·4
†	18'142	-29'571	1'30	51.II443	9·2	...	32'339	-31'956	-5	...	...	...	47'394	+15'770	-3	...	...
...	18'982	-51'825	-1	...	...	...	32'471	-6'587	-5	p	...	...	47'612	-51'496	-3	...	...
...	19'403	+54'827	-2	...	...	...	32'472	-23'044	-2	...	...	...	47'655	-4'955	-5	...	...
...	+19'461	-13'509	0'75	...	...	...	+32'513	-23'211	0'80	...	...	*	+47'687	+16'022	1'00	50.II327	10·8
...	19'475	-20'308	-4	...	...	...	32'707	+35'950	-5	...	...	...	47'802	-42'382	-3	...	...
...	19'863	-13'631	0'80	...	...	*	32'998	+26'553	1'10	50.II321	9·4	...	47'838	+26'473	-2	...	...
*	20'120	+48'057	1'15	50.II315	9·6	*	33'315	+58'513	1'10	50.II320	9·8	*	48'560	-49'719	3'00	51.II453	7·9
...	20'412	-50'286	-5	...	...	...	33'500	-48'923	-3	...	...	...	48'658	+51'422	1'00	...	...
34I	+20'529	-44'536	0'70	...	...	40I	+33'519	+43'143	-5	...	...	46I	+48'787	+59'678	1'25	50.II328	10·0
...	20'790	+60'095	1'00	50.II316	10·8	...	33'638	-34'876	-4	...	...	...	49'091	+29'756	-5	...	...
...	20'873	+39'135	-2	...	...	...	34'439	+5'851	-5	m	...	...	49'139	+7'479	0'70	...	...
...	20'921	-53'140	-3	...	...	*	34'787	-33'019	1'15	51.II447	9·6	†	49'603	+58'126	-4	...	...
...	21'255	+24'698	-4	...	...	S *	34'870	+42'503	1'05	50.II322	9·7	...	49'725	+26'029	-3	...	...
...	+21'755	-28'095	-5	...	...	...	+36'260	+57'216	1'00	50.II323	10·6	...	+50'597	-17'628	-3	...	...
...	21'862	-26'316	-4	...	...	...	36'622	-23'837	0'80	...	...	...	50'894	-32'337	-5	p	...
...	22'076	-11'739	-5	p	...	...	36'782	+9'748	-5	...	...	...	50'980	-42'486	-5	p	...
...	22'212	+29'809	-5	m	...	...	37'266	-2'504	-5	...	...	...	51'026	+4'866	-2	...	...
*	22'497	-3'085	1'15	51.II444	10·0	...	37'586	-57'206	-2	...	...	†	51'661	+40'252	1'30	50.II329	9·4
35I	+22'857	+35'326	-4	...	...	41I	+37'623	-55'909	-5	...	...	47I	+51'799	-7'694	-4	...	...
†	23'079	+0'541	0'70	...	...	...	37'738	-56'959	1'00	52.II657	10·8	...	51'997	-29'994	0'80	e	...
...	23'247	-21'199	-3	...	...	*	37'887	-56'187	1'10	52.II658	10·6	e *	52'196	-37'253	1'30	51.II454	10·0
...	23'827	+25'833	-5	m	...	...	37'920	+49'703	-3	...	...	...	52'494	+58'763	-3	...	...
...	23'897	-1'858	0'90	...	...	...	38'022	-45'390	-3	...	...	...	52'513	-29'416	-4	...	...
*	+25'271	+33'489	1'60	50.II317	9·0	...	+38'162	+1'680	0'70	...	...	...	+52'867	+47'686	-4	...	...
...	25'394	-36'148	0'85	...	...	...	38'217	+21'062	-5	...	...	...	52'879	+0'304	-3	...	...
...	25'428	+3'514	-5	...	...	...	38'333	-34'371	0'80	...	...	...	53'322	-22'441	-4	e	...
...	25'621	+33'999	-3	...	...	†	38'615	+0'346	0'75	...	...	*	53'485	+15'096	1'05	50.II330	10·6
...	25'693	+5'096	-4	...	...	...	38'925	+18'770	0'85	...	...	...	53'689	-26'756	-3	e	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.	
481-490						491-500						501-502						
48I	+53'782	+20'51I	-2	°	...	49I	+56'143	-8'957	0·70	°	e	...	50I	+59'105	+40'518	1·20	50.II334	10·2
...	54'06I	+8'81I	-5	...	...	...	56'338	+30'660	0·70	...	...	...	...	59'179	-48'150	0·95	e	...
...	54'118	+13'677	-5	...	...	...	56'514	+22'960	0·90	...	...	...	...	...	...	...	...	...
...	54'139	+9'682	-3	...	...	...	56'81I	+28'820	-5	...	...	...	...	...	...	...	...	...
†	54'496	+41'826	0·95	50.II33I	10·8	...	56'88I	-17'610	-3	e	...	...	...	...	...	...	...	...
...	+54'613	-6'089	-5	...	...	...	+57'288	+46'75I	-5	...	...	...	...	...	...	...	...	...
...	54'679	-58'218	-5	...	...	...	57'809	+28'144	1·00	50.II333	10·8	...	...	...	...	...	...	...
...	55'169	-18'20I	-2	e	...	...	57'87I	-18'384	-3	e	...	...	...	...	...	...	...	...
...	55'303	-33'068	-3	e	...	...	58'446	-42'107	0·80	e	...	...	...	...	...	...	...	...
...	55'81I	-31'119	-4	e	...	...	59'055	+27'42I	-3	...	...	...	...	...	...	...	...	...

1-40						41-80						81-120					
I	-60'100	-30'143	-3	°	E	4I	-46'838	-31'755	-5	°	...	8I	-34'634	-14'517	-5	°	...
†	59'608	-37'411	1·20	51.II454	10·0	...	46'684	-41'616	0·85	...	...	*	34'618	+51'955	1·30	50.II340	9·4
E	59'587	+9'567	-3	...	...	...	46'126	+38'210	-5	...	...	...	34'315	-32'889	-2	...	...
...	59'099	-22'565	-5	E	...	...	45'833	-47'378	-5	...	...	S *	34'284	+41'296	4·00	50.II341	6·8
...	58'538	-26'856	-4	E	...	...	45'533	-59'548	-1	...	...	...	34'275	-38'135	-2	...	...
...	-58'232	+30'604	-3	...	...	...	-45'530	+27'378	-5	...	...	...	-34'234	-12'752	-3	...	...
...	57'949	+46'706	-5	...	...	†	45'470	+10'107	0·70	...	...	*	34'176	-7'472	1·00	51.II459	10·0
...	57'742	+22'934	0·90	...	...	†	45'320	+24'685	-5	...	...	...	33'901	+20'030	-4	...	...
...	57'716	+28'804	-5	...	...	*	44'918	+51'825	1·50	50.II336	9·2	...	33'880	-2'536	-4	...	...
...	57'408	-18'254	-2	E	...	...	44'656	-30'112	-3	...	...	...	33'359	+31'769	-5	...	...
II.	-56'818	-8'977	-3	E	...	5I	-44'548	+46'430	0·65	...	...	9I	-33'140	+50'938	-3	...	...
...	56'668	-33'087	-4	E	...	...	43'676	+11'694	-5	...	...	...	33'091	+28'712	-5	M	...
...	56'657	+28'159	1·00	50.II333	10·8	...	43'576	-5'610	-3	...	...	*	32'922	-16'253	1·40	51.II460	9·0
...	56'235	-31'132	-5	E	...	...	43'406	-17'416	-4	...	...	...	32'836	+36'814	-2	...	...
*	55'872	+40'574	1·15	50.II334	10·2	*	42'610	-54'215	1·30	51.II456	10·0	*	32'621	-18'281	1·40	51.II461	9·2
...	-55'734	-17'592	-4	E	...	...	-42'470	-17'782	-4	...	...	...	-32'419	-49'381	0·70	...	...
...	55'384	+27'480	-3	...	...	...	42'273	+49'137	0·65	...	...	...	32'397	-17'921	-4	...	...
...	54'693	-18'321	-3	E	...	...	42'160	+1'948	-3	...	...	...	32'195	-2'673	-5	...	...
...	53'895	+4'268	-5	...	...	...	42'025	-40'858	-4	...	...	...	31'526	+40'378	-5	...	...
...	53'502	+54'724	-5	...	...	...	41'939	-57'030	-5	...	...	...	31'448	-2'407	-5	...	...
2I	-53'161	-41'995	0·90	E	...	6I	-41'857	-38'492	1·05	51.II457	9·8	10I	-30'374	+29'019	0·70	...	...
...	52'806	+18'358	-4	...	...	S *	41'691	+19'123	-5	...	...	...	30'026	-38'788	-4	...	...
...	52'188	-48'009	1·00	E	...	...	41'672	-55'870	-4	...	...	...	29'640	-20'358	0·90	...	...
...	51'760	-37'240	-5	...	...	...	41'624	+35'556	-5	...	...	...	29'566	+3'356	-5	...	...
*	51'524	+56'022	1·40	50.II335	9·4	...	41'588	-33'910	-3	...	...	*	29'552	+56'479	1·00	50.II342	10·4
...	-51'479	+58'206	-5	...	...	*	-41'130	+39'857	3·00	50.II337	6·8	...	-29'190	+44'052	0·75	...	...
...	51'326	+15'858	-4	...	...	...	40'117	+7'800	-4	...	...	...	28'851	+11'870	-2	...	...
...	49'946	-32'171	-5	...	...	...	39'874	+22'915	-5	...	...	...	28'835	-4'566	0·65	...	...
*	49'850	-58'647	2·10	52.II668	9·0	...	39'288	-35'764	-5	...	...	...	28'504	+32'185	0·95	50.II343	10·8
...	49'707	+39'384	0·95	...	...	...	39'038	+47'199	-3	...	...	...	28'243	-42'468	-5	...	...
3I	-49'513	+56'530	-5	...	...	7I	-37'917	+33'744	-2	...	...	III	-27'797	+43'039	-3	A	...
...	49'073	-51'866	1·00	...	...	...	37'685	-19'251	-5	...	...	...	27'432	+1'591	0·85	...	...
...	48'811	-24'998	0·80	...	...	...	37'558	+24'072	0·85	...	...	...	26'885	-30'476	0·90	...	...
...	48'765	+48'592	0·90	...	...	...	37'509	+27'250	-5	M	...	...	26'679	-53'968	1·00	...	...
N *	48'641	-1'312	1·10	51.II455	10·0	...	37'053	+57'437	0·70	...	...	...	26'564	+3'142	0·85	...	...
...	-48'496	+51'823	-5	M	...	†	-36'568	-44'705	-4	...	...	...	-26'274	-12'567	0·70	...	...
...	48'130	+38'613	-4	...	...	†	36'414	+20'087	0·70	...	...	...	26'072	+40'638	-4	...	...
...	47'985	+42'382	1·00	...	...	...	35'925	-39'494	-3	...	...	...	25'523	+48'745	-4	...	...
...	47'407	+9'872	0·95	...	...	S *	34'873	-5'642	1·95	51.II458	8·4	...	25'501	+29'489	-3	...	...
...	46'841	-0'416	0·85	...	...	*	34'749	+20'273	1·20	50.II339	9·2	...	25'090	-18'266	-2	...	...

L measured from 1, 102, 229, 336.

C " " 49, 161, 286, 401.

35. Var. L=8·1-9·7.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
121-180						181-240						241-300					
I2I	-24.937	+33.541	0.70	...	...	I8I	-10.986	-45.506	-4	...	...	24I	+4.376	-26.551	0.70	...	...
*	24.683	+7.436	1.25	50.II344	9.2	...	10.779	-35.809	-4	...	...	...	4.466	-28.800	-5	...	...
...	24.327	+27.574	0.90	...	...	†	10.490	-49.654	-4	...	...	...	4.806	+26.452	-5	m	...
...	24.050	+20.256	0.90	...	...	*	9.855	+26.810	1.30	50.II351	9.2	...	4.850	+2.792	-5	m	...
...	24.042	-12.231	0.70	...	...	...	9.774	-24.039	-2	...	...	...	5.236	+0.897	1.00	51.II472	9.8
S *	-23.977	+11.262	2.00	50.II345	8.6	...	-9.672	+10.350	-3	...	...	...	+5.287	+7.694	-5	m	...
...	23.937	-36.752	-3	...	...	...	9.440	+13.440	-5	...	...	S *	5.468	-2.310	1.05	51.II473	9.2
...	23.847	+3.898	-5	...	...	...	9.384	+5.333	-3	...	...	...	5.535	+23.879	1.00	50.II358	10.4
...	23.727	-57.362	1.00	...	...	...	8.798	+38.953	-2	...	...	...	5.749	-24.350	-5	...	...
...	23.461	+20.409	-5	...	...	...	8.755	+15.415	-5	...	...	...	5.842	+21.274	0.65	...	...
I3I	-23.422	-42.354	-5	...	...	I9I	-8.612	-12.280	-2	...	...	25I	+6.217	-8.443	-3	...	...
*	22.687	-10.742	1.25	51.II462	9.6	...	8.136	+6.568	0.90	50.II352	10.4	...	6.468	-48.136	-3	...	...
...	22.623	+54.657	0.70	...	...	...	8.050	+32.359	-2	...	...	...	6.921	-24.662	-5	...	...
...	22.509	-43.354	-5	...	...	*	7.949	-44.429	1.15	51.II468	9.8	...	7.139	-52.704	-4	...	...
...	22.183	-32.860	0.80	...	...	...	7.340	+35.464	-3	...	...	...	7.394	+46.003	-2	...	...
...	-21.969	-14.181	-5	...	...	*	-6.948	+15.397	1.30	50.II353	9.2	...	+7.613	+9.719	-5	m	...
...	21.950	+36.283	-5	...	...	...	6.714	-33.995	-3	...	...	...	8.020	+9.054	-5	...	...
...	21.235	-12.489	-5	...	...	...	6.696	-48.410	-5	...	...	...	8.091	+18.365	-5	m	...
*	21.010	+54.438	1.10	50.II346	10.0	*	6.427	+47.136	1.40	50.II354	9.0	†	8.117	-39.673	1.00	51.II474	9.8
*	20.993	-5.689	1.00	51.II463	10.0	...	6.207	-33.815	-4	...	...	...	8.289	-55.771	-5	...	...
I4I	-20.255	+48.187	-5	...	...	20I	-6.085	-3.306	1.00	51.II469	10.4	26I	+8.464	+45.874	0.80	...	...
...	19.453	-46.951	-3	...	...	...	5.670	+11.223	0.80	...	...	...	8.478	+24.365	0.70	...	...
...	18.994	-41.281	-5	...	...	...	5.520	-36.775	-2	...	...	S *	9.133	+39.724	1.00	50.II359	9.8
...	18.992	-38.067	0.70	...	...	...	5.508	+44.245	-4	...	...	...	9.493	-34.487	-3	...	...
*	18.842	+23.426	1.00	50.II347	10.8	†	5.429	+49.210	1.05	50.II355	10.2	...	9.846	+21.356	0.90	...	...
...	-18.712	+56.976	-5	...	...	†	-5.325	+15.889	-4	...	...	*	+10.030	-16.711	0.95	51.II475	10.4
...	18.641	-19.160	0.80	...	...	†	5.316	-28.218	-4	...	...	...	10.204	+26.587	-3	...	...
...	18.505	-34.789	-2	...	...	...	4.657	-56.564	-1	...	...	†	10.346	-19.765	1.00	51.II476	9.4
...	18.272	-49.390	-5	...	...	...	4.618	-51.312	-2	...	...	...	10.558	+2.900	0.80	...	...
...	17.389	+46.607	-2	...	...	...	4.409	+31.888	1.00	50.II356	10.2	...	10.622	+19.099	0.70	...	...
I5I	-17.321	-13.488	-4	...	...	21I	-4.374	+8.453	-2	...	...	27I	+11.978	-37.860	-4	...	...
...	17.241	+51.678	0.80	...	...	...	4.286	-29.478	-3	...	...	...	12.187	-30.533	0.70	...	...
...	17.096	-27.529	-4	...	...	...	3.521	+13.385	-5	...	...	...	12.292	+27.971	-3	...	...
...	16.942	-48.004	0.90	...	...	...	3.002	-25.924	0.70	...	...	...	12.295	-39.096	-4	...	...
S *	16.886	-30.528	2.10	51.II464	8.2	...	2.933	+37.281	-3	...	...	...	12.369	-26.000	-3	...	...
...	-16.668	+29.601	0.80	...	...	...	-2.858	+14.622	-3	...	...	...	+12.808	-26.490	-2	...	...
...	16.214	-25.909	-4	...	...	...	2.675	+28.891	-5	m	...	...	13.117	+26.175	-2	...	...
*	16.206	+53.116	1.30	50.II348	9.0	...	2.586	-37.459	-5	...	...	...	13.690	-52.358	-2	...	...
...	16.032	-57.732	0.95	...	...	...	1.944	-5.843	-5	...	...	...	13.894	-12.807	0.80	...	...
†	15.439	+53.985	1.30	50.II349	9.2	...	1.673	+36.220	0.70	...	...	S *	13.919	-52.112	1.25	51.II477	9.0
I6I	-15.214	+24.344	-4	...	...	22I	-1.623	+54.030	0.70	...	...	28I	+13.985	+39.804	-3	...	...
...	15.195	+55.556	-4	...	...	...	1.430	-7.623	-5	...	...	...	14.157	-16.679	-4	...	...
...	15.013	-1.926	-4	...	...	...	1.367	+56.938	-2	...	...	...	14.184	-52.618	0.90	51.II478	10.4
*	14.780	-9.440	2.60	51.II465	8.0	...	1.363	-27.748	-3	...	...	...	14.402	-33.811	-5	p	...
...	14.748	-3.840	0.95	...	...	...	1.243	-5.046	0.70	...	...	...	14.465	+43.162	-5	m	...
...	-14.481	-38.791	1.00	51.II466	10.8	...	-1.161	+24.601	0.75	...	...	...	+14.892	+16.217	-5	...	...
...	14.417	+31.472	0.95	...	...	...	1.069	-55.339	-5	...	...	...	15.310	-30.779	-2	...	...
*	14.181	+23.336	1.00	50.II350	10.6	...	0.880	-38.361	-5	...	...	...	15.446	+9.092	-5	m	...
...	13.771	+43.341	-5	...	...	...	-0.243	+43.268	-5	m	...	...	15.627	+51.360	0.65	...	...
...	13.730	+3.481	-2	...	...	...	+0.616	-51.441	-5	p	...	*	15.711	-4.571	1.30	51.II479	9.4
I7I	-13.389	-11.249	-4	...	...	23I	+0.845	+51.360	-5	...	...	29I	+16.010	-2.952	-3	...	...
...	12.921	-16.711	0.70	...	...	*	1.075	+49.125	1.45	50.II357	9.2	...	16.138	+52.344	0.65	...	...
...	12.495	+10.358	-3	...	...	*	1.872	-9.122	0.95	51.II470	9.8	...	16.532	+40.613	-5	...	...
...	11.992	-19.464	-3	...	...	...	2.012	-11.761	-3	...	...	...	16.703	-1.660	-5	...	...
...	11.797	+4.616	-2	...	...	...	2.555	+25.369	-2	...	...	...	18.148	-43.101	-2	...	...
...	-11.789	-36.705	0.95	...	...	...	+2.628	-22.409	0.95	51.II471	10.4	...	+18.412	+55.823	0.80	...	...
...	11.735	-37.321	0.90	...	...	...	3.196	-37.716	-3	...	...	...	18.549	-41.839	0.80	51.II480	10.4
...	11.704	-26.401	-5	...	...	...	3.258	-30.651	-3	...	...	*	18.662	+27.060	0.90	50.II360	10.4
*	11.693	-28.807	1.00	51.II467	10.2	...	3.518	-51.461	-2	...	...	...	18.979	-28.300	0.90	51.II481	10.2
...	11.658	-24.556	-4	...	...	*	4.158	-57.917	0.95	...	...	†	19.512	+40.437	-4	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
301-360						361-420						421-451					
30I	+19.654	-13.296	0.70	...	...	36I	+35.092	-51.438	1.00	51.II491	10.4	42I	+49.722	-10.962	-4	...	...
...	19.723	+29.306	-3	...	...	...	36.013	+27.951	-5	m	...	...	50.398	-20.541	0.70	...	...
*	19.810	+52.299	1.20	50.II361	10.0	...	36.581	+31.140	0.80	...	...	...	50.593	-53.539	-5	...	...
...	20.273	+38.314	-3	...	...	*	36.603	+2.946	1.05	51.II492	9.8	...	50.733	-5.212	-5	...	...
...	20.420	+52.925	-2	...	...	...	36.834	+53.585	0.90	50.II367	10.4	...	51.122	+23.806	-4	...	...
...	+20.883	+22.419	-2	...	...	...	+37.068	-33.411	-5	...	...	*	+51.132	+48.283	1.40	50.II375	9.4
...	21.063	-10.028	0.75	...	...	...	37.459	+25.216	-5	m	...	...	51.834	-13.947	-4	...	...
...	21.373	-37.311	0.90	51.II482	10.4	*	37.594	-40.936	1.00	51.II493	9.6	...	52.113	+19.937	-4	...	...
*	21.760	-28.664	1.05	51.II483	9.6	...	37.615	+30.453	0.85	...	...	...	52.185	-8.162	-3	...	...
...	21.787	+5.925	0.70	...	...	...	37.903	+53.385	-5	...	...	...	52.725	+9.137	-4	...	...
31I	+21.830	-36.845	-4	...	...	37I	+38.324	+58.595	-4	...	...	43I	+52.946	-0.285	-2	f	...
...	21.986	+7.975	0.75	...	...	...	38.404	+33.668	-5	m	...	...	53.242	-52.670	-5	e	...
...	22.302	-47.524	0.75	...	...	...	38.825	-4.608	-5	...	...	e	53.469	-42.297	0.95	51.II502	10.4
...	22.429	+29.240	-5	m	...	S *	39.064	+26.876	1.15	50.II368	9.2	...	53.571	-16.097	-3	e	...
...	23.077	-20.577	-5	p	...	...	39.199	-55.575	1.00	52.II697	10.2	...	54.329	-22.154	-4	...	...
*	+23.077	-49.903	1.00	51.II484	10.0	...	+39.235	-32.645	0.90	...	...	...	+54.830	+18.841	-5	...	...
*	23.301	+54.252	1.50	50.II362	9.0	...	39.278	+21.939	-3	a	...	...	55.148	+48.041	0.90	50.II377	10.4
...	23.541	+20.492	-4	a	...	...	39.404	-30.399	-5	...	...	...	55.248	+31.635	-2	...	...
...	23.968	+6.855	-5	m	...	...	40.030	+54.472	-5	...	...	...	55.986	-39.963	-5	...	...
+	24.088	-59.640	1.80	52.II692	8.6	*	40.274	+3.447	1.00	51.II494	9.8	+	56.118	+10.232	-5	...	...
32I	+24.100	-3.801	0.70	...	...	38I	+40.289	+52.918	2.65	50.II369	8.0	44I	+56.141	+31.448	1.15	50.II378	9.8
...	24.172	-41.734	-5	p	...	S *	40.611	+57.927	1.00	50.II370	10.0	*	56.479	-18.261	0.75	e	...
+	24.542	+38.320	-2	...	...	...	40.859	+14.477	-5	m	...	...	56.494	+54.753	-3	...	...
*	25.206	+0.340	1.00	51.II485	9.8	*	41.000	+56.435	1.10	50.II371	10.0	...	56.729	+30.413	-3	...	...
...	25.471	-5.140	0.70	...	...	...	41.229	-44.139	0.80	...	...	*	56.750	+13.920	1.00	50.II379	10.0
*	+26.059	-20.407	1.00	51.II486	10.0	...	+41.249	-0.792	-5	...	...	...	+56.875	+54.153	0.65	...	...
*	26.711	-45.572	1.25	51.II487	9.0	...	41.276	-31.369	-3	...	...	...	57.062	+11.555	-2	...	...
...	27.300	-32.173	-3	...	...	...	41.314	+15.996	0.80	...	...	...	58.072	-7.484	0.70	e	...
...	27.527	-34.832	-5	...	...	...	41.667	-9.557	0.90	...	...	*	58.943	+27.744	1.50	50.II380	9.0
*	27.560	+49.750	1.30	50.II363	9.6	...	41.709	+16.199	0.70	...	...	...	59.041	-28.927	-3	e	...
33I	+27.988	-50.211	-4	...	...	39I	+41.725	+29.512	0.95	...	...	45I	+59.268	+51.397	0.65	...	...
...	28.363	-51.776	1.15	51.II488	9.8	...	41.909	+23.084	-5	m	...	...	...	...	...	...	...
...	29.018	-22.948	0.90	...	...	...	41.944	+34.042	-4	a	...	...	...	...	...	...	...
...	29.085	-48.234	-2	...	...	...	42.704	-48.250	-5	...	...	...	...	...	...	...	...
+	29.468	+24.672	1.00	50.II364	9.8	...	43.374	-38.203	1.00	51.II496	10.0	...	...	...	...	...	...
...	+29.733	+20.502	-5	...	...	*	+43.582	+28.920	-5	...	...	...	...	...	...	...	...
*	29.969	+24.492	0.90	50.II365	10.2	...	43.752	+47.392	1.10	50.II372	9.4	...	...	...	...	...	...
...	30.750	-49.795	-5	p	...	...	43.762	+2.160	0.85	51.II495	10.4	...	...	...	...	...	...
*	30.858	-30.094	1.00	51.II489	9.8	...	44.035	+56.730	-5	...	...	...	...	...	...	...	...
...	31.077	+41.049	0.80	...	...	+	44.473	+36.281	0.90	...	...	...	...	...	...	...	...
34I	+31.141	-24.194	-2	...	...	40I	+44.921	+40.687	1.30	50.II373	9.4	...	...	...	...	...	...
...	31.226	+50.537	-5	...	...	*	44.953	-31.364	1.00	51.II497	10.0	...	...	...	...	...	...
...	31.249	-8.432	-3	...	...	...	44.977	-50.259	-5	...	...	...	...	...	...	...	...
...	31.497	+22.286	0.90	50.II366	10.2	...	45.077	+6.177	-5	m	...	...	...	...	...	...	...
...	31.703	+5.879	0.80	...	...	*	45.451	-40.636	1.05	51.II498	9.4	...	...	...	...	...	...
...	+32.080	+8.303	-3	...	...	...	+45.708	-17.627	-3	...	...	...	...	...	...	...	...
...	32.550	-46.144	0.90	...	...	...	46.077	+21.244	0.90	...	...	...	...	...	...	...	...
...	32.651	-10.437	-5	...	...	...	46.663	+41.255	-5	...	...	...	...	...	...	...	...
...	32.877	-5.874	0.90	...	...	...	46.817	+28.668	0.70	...	...	...	...	...	...	...	...
*	33.295	-57.232	1.10	52.II696	9.5	...	47.109	+36.617	-5	m	...	...	...	...	...	...	...
35I	+33.312	-5.963	-3	...	...	41I	+47.466	-12.451	1.20	51.II499	9.2	...	...	...	...	...	...
...	33.401	-0.527	-4	...	...	*	47.733	-38.621	1.00	51.II500	10.2	...	...	...	...	...	...
...	33.419	-1.679	0.85	...	...	...	47.859	+33.047	-2	...	...	...	...	...	...	...	...
...	33.577	-12.889	-3	...	...	...	48.326	+15.096	0.80	50.II374	10.4	...	...	...	...	...	...
...	34.023	+33.506	0.90	...	...	...	48.439	-44.515	-1	...	...	...	...	...	...	...	...
...	+34.334	-21.173	0.70	...	...	*	+48.744	-10.642	1.00	51.II501	9.8	...	...	...	...	...	...
S +	34.662	-25.125	2.85	51.II490	7.6	...	48.887	+55.661	-5	...	...	...	...	...	...	...	...
...	35.017	+33.193	0.80	...	...	...	48.996	+48.406	0.75	...	...	...	...	...	...	...	...
...	35.022	-19.904	-3	...	...	...	49.153	+59.802	-4	...	...	...	...	...	...	...	...
...	35.091	-29.923	-4	...	...	...	49.606	+24.695	-5	m	...	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1-60						61-120						121-180					
I	-59°353	+31°541	-3	...	...	6I	-35°795	-13°012	-5	...	...	12I	-15°984	+23°345	-4	...	...
...	59°076	-16°210	-4	E	...	...	35°348	+7°261	-5	...	...	...	15°557	-37°230	-2	...	...
...	59°047	+54°686	-4	...	...	*	34°987	+39°472	1°30	50.II385	9.2	†	15°137	-53°230	0°70	...	...
...	58°646	+54°102	-3	...	...	...	34°289	-15°860	-1	...	...	...	14°300	+22°564	0°90	50.II393	10.2
...	58°444	+31°385	1°10	50.II378	9.8	*	33°831	-22°777	1°05	51.II508	9.8	...	13°927	-51°370	-4	...	...
E	-58°126	-42°386	0°95	51.II502	10.4	...	-33°390	+12°390	0°85	...	...	...	-13°319	+11°370	-5	M	...
...	57°922	-52°762	-5	E	...	...	33°205	+37°974	-4	...	...	...	12°892	-40°368	-4	...	...
...	57°801	+30°381	-4	...	...	*	32°769	-43°149	0°90	51.II509	10.4	...	12°780	-55°563	0°75	...	...
*	57°136	+13°903	1°00	50.II379	10.0	...	32°768	-39°376	-4	...	...	...	12°438	-44°937	-4	...	...
...	56°726	+11°559	-3	...	...	...	32°271	+33°716	-5	M	...	*	11°793	-52°421	1°00	51.II519	9.8
II	-56°133	+51°452	-2	...	...	7I	-31°860	+32°070	-2	...	...	13I	-11°665	+13°425	1°00	50.II394	10.4
...	56°088	-18°258	0°80	E	...	...	31°567	-3°537	-3	...	...	...	11°479	+26°019	-3	...	...
...	55°714	-39°947	-5	...	...	*	31°520	-23°633	1°00	51.II510	9.8	...	10°988	+49°414	-4	...	...
*	55°489	+27°808	1°60	50.II380	9.0	S *	31°239	-18°432	1°05	51.II511	9.4	...	10°594	-58°011	0°70	...	...
†	54°943	-7°414	0°75	E	...	...	31°051	+24°495	-5	...	...	S †	10°274	-14°443	2°90	51.II520	8.0
...	-53°640	+27°773	-5	M	...	...	-30°717	-13°626	-3	...	...	...	-9°899	-50°789	0°90	...	...
...	53°098	-28°799	-5	E	...	...	30°511	-50°448	-1	...	...	...	9°743	-5°335	-3	...	...
...	52°620	-8°257	-5	...	...	...	30°227	-39°315	-4	...	...	...	9°686	-6°307	1°05	51.II521	9.8
...	52°050	+11°064	-4	...	...	†	30°182	+38°537	1°40	50.II386	9.0	...	9°553	+15°741	-5	...	...
...	51°731	-23°462	0°90	51.II503	10.0	...	29°739	-27°675	0°95	51.II512	10.2	...	8°307	-23°758	0°70	...	...
2I	-51°263	-58°400	-4	...	...	8I	-29°036	-46°520	-2	...	...	14I	-7°848	-5°908	1°20	51.II522	9.6
...	51°260	+59°004	-5	...	...	...	28°991	-47°400	-5	...	...	...	7°239	-48°403	-2	...	...
...	51°250	+20°794	0°95	50.II381	10.2	...	28°675	-18°981	-5	...	...	S *	7°224	-45°938	1°30	51.II523	9.2
S *	50°743	-27°712	-4	...	...	†	28°640	-24°747	1°00	51.II513	9.6	*	7°179	+34°232	1°40	50.II395	9.2
...	50°427	+28°365	2°30	50.II382	8.2	...	28°431	-15°835	0°75	...	...	...	7°101	-39°590	-2	...	...
...	-49°160	+14°045	-5	M	...	...	-28°387	+54°696	-5	...	...	...	-6°250	-32°832	-3	...	...
*	49°018	-24°620	1°00	51.II504	10.0	...	28°327	-27°576	-5	...	...	...	5°842	+11°131	-5	...	...
...	48°990	-56°203	-4	...	...	...	28°294	+27°491	-5	...	...	...	3°767	-43°544	-4	...	...
...	48°640	-22°740	-4	...	...	...	26°929	+1°941	-5	...	...	...	3°203	-26°807	-5	...	...
...	48°633	-4°290	-5	...	...	...	26°684	-39°887	-3	...	...	...	3°083	+43°521	-4	A	...
3I	-48°616	+58°732	-3	...	...	9I	-26°258	-27°658	-5	...	...	15I	-2°991	+58°846	-5	...	...
...	47°993	+43°057	-5	M	...	...	26°197	+49°406	-5	...	...	...	2°932	+1°892	-5	...	...
...	47°290	+2°997	-5	...	...	...	25°458	+18°694	0°70	...	...	...	2°706	+52°957	-5	M	...
...	47°180	-51°744	-4	...	...	...	25°423	+42°607	-5	...	...	...	2°662	+50°558	-2	...	...
*	47°165	+16°031	0°95	50.II383	10.4	...	24°498	+6°902	-3	...	...	†	2°111	+20°210	1°10	50.II396	9.4
...	-46°777	+28°802	0°90	...	...	...	-23°310	+13°947	0°90	50.II387	10.4	...	-1°796	+35°928	-3	...	...
...	46°494	-26°313	-5	...	...	...	22°765	-21°267	-5	...	...	...	1°501	-20°661	-4	...	...
...	46°466	-32°930	-5	p	...	...	22°698	+47°932	0°90	...	...	*	1°287	+51°965	1°40	50.II397	9.2
...	46°460	-34°519	0°75	...	...	...	22°195	-6°089	0°95	51.II515	10.4	...	-1°038	+52°976	-5	...	...
...	45°802	+2°405	-2	...	...	*	22°134	-47°896	1°00	51.II514	10.0	...	+0°441	+24°191	-5	...	...
4I	-44°395	-44°027	1°00	51.II505	10.2	10I	-21°359	-46°093	0°90	51.II516	10.2	16I	+0°813	+39°923	-5	...	...
...	43°804	-25°866	0°75	...	...	*	20°951	+49°389	1°10	50.II388	9.6	...	1°004	+9°322	-5	...	...
...	43°235	-5°913	-4	...	...	*	20°273	-35°249	1°05	51.II517	9.4	*	1°057	-59°206	1°00	52.II722	9.6
...	42°412	-7°274	0°70	...	...	...	19°797	-30°675	-5	...	...	...	1°131	-30°659	-5	...	...
...	42°118	-21°191	-3	...	...	...	19°595	-6°784	0°85	51.II518	10.4	†	1°169	+10°268	0°85	50.II398	10.4
...	-41°917	-22°299	-2	...	...	...	-19°043	-51°276	-5	...	...	...	+1°187	+3°315	0°80	51.II524	10.4
...	41°556	+6°473	-5	...	...	...	18°934	+24°803	0°85	...	...	...	1°209	-6°534	0°90	51.II525	10.2
...	41°219	+3°514	-4	...	...	S *	18°581	+54°398	1°90	50.II389	8.9	...	2°131	-18°494	-1	...	...
...	41°128	-22°640	0°95	51.II506	10.0	...	18°092	+20°969	-5	...	...	*	2°409	+26°962	1°00	50.II399	10.2
...	40°621	-29°831	-5	...	...	...	18°075	-35°620	0°70	...	...	...	2°444	-1°285	-3	...	...
5I	-40°425	-56°150	-4	...	...	III	-18°052	+18°302	0°80	...	...	17I	+2°554	-29°016	-3	...	...
...	39°823	-53°131	-5	...	...	...	17°874	-32°903	-4	...	...	...	3°245	+50°297	-5	...	...
...	39°637	-24°828	0°70	...	...	†	17°832	+5°237	0°85	50.II390	10.2	...	4°175	+13°306	-5	...	...
*	39°468	+44°086	1°40	50.II384	9.2	*	17°472	+25°679	1°15	50.II391	9.4	...	4°197	+31°714	-5	...	...
...	39°015	-1°613	-4	...	...	...	17°441	+42°812	0°70	...	...	*	4°308	-40°303	1°35	51.II526	9.0
...	-38°027	-7°753	-4	...	...	...	-17°273	-14°214	-3	...	...	...	+4°421	+40°428	0°80	...	...
...	37°400	-37°555	1°00	51.II507	9.8	...	17°133	-44°339	-4	...	...	...	4°614	-3°181	-4	...	...
...	36°947	-34°114	-5	...	...	S *	17°043	+19°638	1°90	50.II392	8.6	...	5°166	-58°512	-5	...	...
...	36°550	-7°375	-2	...	...	...	16°651	-6°332	-4	...	...	...	5°259	+22°672	0°90	50.II400	10.4
†	36°015	-54°600	-1	...	...	...	16°387	-37°848	0°70	...	...	...	5°495	+54°253	-3	...	...

L measured from 1, 80, 160, 251.

C " " 41, 124, 204, 286.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-312					
18I						24I						30I					
...	+ 5'649	+23'260	-3	...	...	...	+26'959	+15'804	-3	...	...	...	+54'024	+16'405	0.80	...	...
...	6'543	+51'129	-3	...	...	S *	27'599	-34'941	2.70	51.II541	8.0	...	54'032	-21'794	-5	...	...
...	6'862	+36'174	-2	...	...	...	28'090	-21'814	-4	...	...	S †	54'667	+ 9'330	2.95	50.II417	7.6
...	7'113	- 2'185	-3	...	...	*	28'247	- 3'246	1.10	51.II542	9.4	...	55'076	+35'467	-4	...	...
...	7'898	+45'762	-5	...	...	...	28'412	-12'744	-3	...	...	...	55'345	+23'426	0.70	...	...
...	+ 8'582	+21'562	0.80	...	...	...	+28'608	+14'867	-4	...	...	...	+56'445	+51'751	-4	...	...
*	8'896	+ 1'818	2.20	51.II527	8.4	...	28'611	-22'726	0.65	...	...	...	56'529	+ 2'888	-5	...	...
...	9'091	+ 0'614	1.00	51.II528	10.0	...	28'739	+ 2'944	-5	...	...	S *	57'538	+38'763	1.75	50.II418	9.0
†	9'735	+41'678	1.00	50.II401	9.4	...	28'863	-15'904	0.95	51.II543	10.4	...	57'967	+46'628	-5	...	...
†	9'741	-37'140	0.70	...	...	...	29'243	- 8'464	-4	...	...	...	58'248	+ 7'665	-2	...	...
19I						25I						31I					
S †	+ 9'879	+31'572	1.05	50.II402	9.4	...	+29'810	+23'190	0.70	...	...	...	+58'311	-48'517	-3	e	...
...	10'256	+13'537	-5	...	...	...	29'892	+24'302	-5	...	...	...	58'642	+ 6'700	0.95	50.II419	10.4
...	10'528	+20'360	1.00	50.II403	9.8	...	29'992	-26'168	0.80	...	...	...					
...	10'748	+45'942	-3	...	...	...	30'820	+45'914	-4	...	...	...					
...	11'508	+24'515	-3	...	...	...	31'886	+29'134	0.95	50.II409	10.4	...					
*	+11'588	-25'743	1.00	51.II529	9.8	...	+32'636	+13'557	-2	...	...	...					
...	11'862	-37'028	-5	...	...	...	33'647	-46'277	1.00	51.II544	9.8	...					
*	12'044	+47'749	1.25	50.II405	9.2	...	33'882	-32'466	0.70	...	...	...					
...	12'554	+33'488	0.95	50.II406	10.2	...	33'891	+50'557	0.80	...	...	...					
...	12'557	-11'396	-5	...	...	...	34'009	+53'900	0.95	50.II410	10.4	...					
20I						26I						32I					
...	+12'752	+23'722	-4	...	...	*	+34'024	-57'855	1.20	52.II739	9.8	...					
...	13'940	+51'744	-5	...	...	*	34'613	-11'619	1.05	51.II545	9.8	...					
...	14'687	+36'191	-3	...	...	*	34'619	+16'523	1.40	50.II411	9.0	...					
...	14'947	- 2'485	-4	...	...	†	34'663	- 4'965	0.70	...	...	...					
...	15'064	+33'887	-4	...	...	*	35'385	+31'387	1.50	50.II412	9.0	...					
...	+15'443	+30'054	-3	...	...	*	+36'028	-50'936	1.00	51.II547	9.6	...					
...	15'971	- 7'168	0.85	51.II530	10.4	...	36'224	-18'460	1.00	51.II546	10.0	...					
...	16'283	+38'774	0.90	50.II407	10.4	...	36'407	+13'502	-5	...	...	...					
...	16'518	-51'847	0.80	...	...	...	37'112	+42'755	-3	...	...	...					
...	17'382	-59'481	-4	...	...	...	37'139	+16'555	0.70	...	...	...					
21I						27I						33I					
...	+17'442	+ 5'383	-3	...	...	...	+38'079	+57'712	-1	...	...	...					
...	18'321	+ 2'774	-3	...	...	†	39'802	-21'629	0.70	...	...	...					
...	18'406	+28'227	-5	...	...	...	39'858	-59'210	-2	...	...	...					
...	18'598	-49'912	-5	...	...	*	40'359	+24'542	1.40	50.II413	9.0	...					
...	18'611	+21'771	-3	...	...	...	40'364	+37'046	0.70	...	...	...					
...	+18'846	-21'109	-4	...	...	...	+40'446	-50'799	-3	...	...	...					
...	19'216	- 0'650	0.85	51.II531	10.2	...	40'939	-42'311	-3	...	...	...					
...	19'277	-27'772	0.95	51.II532	10.2	...	41'140	-55'227	0.75	...	...	...					
...	19'294	- 1'168	0.70	...	...	...	41'161	+46'076	-5	...	...	...					
S *	19'553	- 0'145	1.85	51.II533	9.0	...	41'791	+36'281	0.90	...	...	...					
22I						28I						34I					
...	+19'663	-31'515	0.75	...	...	...	+42'529	-10'194	0.85	51.II548	10.4	...					
†	19'829	-27'600	0.70	51.II534	10.4	...	43'135	-53'275	-5	...	...	...					
...	20'112	+31'808	-3	...	...	†	43'387	-39'617	-5	...	...	...					
...	20'177	+ 2'749	-5	...	...	*	44'183	+58'579	1.60	50.II414	8.9	...					
...	20'764	-36'804	0.70	...	...	...	44'604	+24'190	-4	...	...	...					
...	+20'786	+41'721	-4	...	...	...	+44'756	+47'665	-4	...	...	...					
...	20'821	- 2'184	-5	p	...	...	45'503	-45'022	0.65	...	...	...					
*	21'142	-44'156	1.00	51.II535	9.6	...	45'565	-24'613	-3	...	...	...					
...	22'033	+ 3'968	0.80	51.II536	10.4	...	45'765	+27'041	0.85	50.II415	10.4	...					
...	22'047	-48'687	-5	...	...	*	45'882	+22'623	2.20	50.II416	8.4	...					
23I						29I						35I					
...	+22'964	+39'147	0.65	...	...	*	+46'437	-27'748	1.00	51.II549	9.6	...					
...	23'271	+51'270	-3	...	...	†	46'590	+35'203	-3	...	...	...					
...	24'376	+ 3'060	-3	...	...	...	46'811	-32'995	-4	...	...	...					
...	24'418	-31'446	0.70	51.II537	10.4	...	47'666	-27'835	0.70	...	...	...					
...	24'893	-44'002	-4	...	...	...	48'629	-41'151	-3	...	...	...					
...	+25'660	-13'699	1.00	51.II538	9.8	...	+50'221	-12'330	0.75	...	...	...					
...	25'735	-18'602	-5	...	...	...	51'308	+29'419	0.75	...	...	...					
...	25'928	-51'017	1.00	51.II539	10.2	...	51'934	+ 6'773	0.80	...	...	...					
...	26'639	+ 2'343	0.70	...	...	...	53'072	-55'439	-5	e	...	...					
...	26'643	-23'796	0.80	51.II540	10.4	...	53'849	-41'799	-5	e	...	...					

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-59.969	+16.268	0.90	...	...	6I	-37.050	-14.643	-3	...	...	I2I	-19.819	+20.305	-4	...	...
...	59.679	+35.336	-4	...	...	...	36.649	+27.088	-3	...	...	*	19.738	+43.673	1.00	...	...
S *	59.011	+9.229	2.80	50.II417	7.6	*	36.487	+45.836	0.95	50.II424	10.4	...	18.979	+3.860	-5	...	...
...	58.968	+51.686	-3	...	...	...	36.454	+20.783	-2	...	...	...	18.637	-26.333	0.65	...	...
...	58.927	+23.342	0.75	...	...	...	36.438	-44.830	-2	...	...	...	18.318	-51.326	-2	...	...
...	-58.619	-39.590	-5	...	...	...	-36.265	+4.353	-3	...	...	...	-18.222	+11.936	0.65	...	...
...	57.983	-55.542	-5	E	...	...	35.751	-33.638	-1	...	...	...	18.157	-24.522	0.80	...	...
...	57.786	-41.887	-5	E	...	...	35.514	-54.702	-3	...	...	...	17.474	-9.469	0.75	...	...
S *	57.352	+38.749	1.90	50.II418	9.0	...	35.101	+0.256	-4	M	...	...	17.405	-24.352	0.75	...	...
...	57.251	+46.645	-5	...	...	...	35.096	-4.427	-2	...	...	*	17.395	+27.422	1.40	50.II434	9.0
II	-56.916	+2.860	-5	...	...	7I	-34.801	-27.194	1.70	51.II553	8.6	I3I	-17.127	+5.373	2.90	51.II563	8.0
...	55.396	+7.714	0.75	...	...	*	34.447	+26.527	-4	...	...	S *	17.070	-44.864	-5	...	...
...	54.952	+6.767	0.95	50.II419	10.4	*	34.368	-46.676	0.95	51.II554	10.4	...	16.784	+2.899	0.90	...	...
...	53.030	-48.408	0.75	E	...	S *	33.662	-42.765	1.95	51.II555	8.6	*	16.738	+49.357	1.00	50.II436	9.8
...	52.131	+30.817	0.85	...	...	*	33.532	-24.531	1.60	51.II556	8.8	...	16.545	+5.461	-5	M	...
†	-51.649	+44.565	-3	...	...	...	-33.450	+17.949	-5	M	...	...	-16.389	+47.142	-4	...	...
...	51.368	+54.932	-3	...	...	...	31.632	-22.532	-3	...	...	...	16.179	-42.816	-5	...	...
...	51.315	+44.288	-3	A	...	...	31.443	+19.831	-3	...	...	*	15.915	+5.579	0.90	50.II437	10.4
...	51.230	-8.971	-5	...	...	...	31.298	+29.442	-1	...	...	...	15.870	+21.069	0.75	...	...
...	50.927	-34.965	0.70	...	...	...	30.969	+20.794	0.90	...	...	...	15.738	+55.451	-5	...	...
2I	-50.622	-25.946	0.85	...	...	8I	-30.808	+26.170	-3	...	...	I4I	-15.639	+27.201	-5	...	...
...	50.647	+53.503	1.00	50.II420	10.4	...	30.782	+36.259	-2	...	...	...	15.467	-23.852	-3	...	...
†	50.093	+21.165	-3	...	...	...	30.567	-16.717	-4	...	...	...	15.154	+47.435	-5	...	...
...	49.645	+21.434	-5	...	...	...	30.461	+20.369	-5	M	...	...	15.026	+28.382	-1	...	...
...	49.087	+10.716	-5	...	...	...	30.370	-3.347	-3	...	...	...	14.385	+28.042	-4	M	...
...	-49.029	+51.269	-5	...	...	...	-30.282	+59.476	-2	...	...	...	-14.193	+51.821	-4	...	...
...	48.722	-15.254	-5	...	...	†	30.171	+36.764	0.80	...	...	...	14.152	-42.521	-5	...	...
*	48.287	+56.743	1.15	50.II421	9.6	...	29.958	-26.302	-5	...	...	...	13.993	-8.024	-3	...	...
...	48.256	-42.373	-5	...	...	...	29.954	+26.283	-2	...	...	*	13.829	+10.863	0.95	50.II438	10.4
...	47.914	+16.671	-5	...	...	...	29.489	+10.063	-4	M	...	...	13.822	+48.536	-3	...	...
3I	-47.507	-59.440	-3	...	...	9I	-29.138	-15.789	-5	...	...	I5I	-13.615	+10.871	-3	A	...
...	47.405	+10.723	-5	...	...	*	29.016	+42.910	1.00	50.II426	10.2	*	13.512	-39.776	1.20	51.II564	9.4
...	46.833	+29.050	0.90	...	...	...	28.457	-10.627	-2	...	...	...	13.449	+1.888	-3	A	...
...	46.402	+13.695	-5	...	...	*	27.886	-37.833	1.30	51.II557	9.0	...	13.041	-5.294	-3	...	...
...	46.218	+43.385	-5	...	...	...	27.681	+59.489	-3	...	...	...	12.695	+22.765	-4	M	...
*	-46.035	-26.626	0.95	51.II550	10.2	...	-27.634	+52.878	1.05	50.II428	10.4	...	-12.589	+30.148	-4	...	...
...	45.853	-2.791	-2	...	...	...	27.239	+5.179	0.90	51.II558	10.4	...	12.446	-16.855	0.80	...	...
...	43.298	-15.807	0.85	...	...	...	26.022	+58.608	-3	...	...	...	11.763	+37.855	-4	M	...
...	43.055	-53.234	-4	...	...	†	25.948	-10.221	4.10	51.II559	7.2	...	11.695	+16.939	-2	...	...
*	43.019	-38.961	1.00	51.II551	10.0	...	25.915	+49.893	1.05	50.II430	10.4	...	11.342	+28.143	-5	M	...
4I	-42.565	+32.902	0.75	...	...	10I	-25.720	+52.354	-5	...	...	I6I	-11.279	-49.212	-2	...	...
...	42.268	+51.648	-1	...	...	...	25.629	+14.420	0.90	50.II429	10.4	...	11.105	+33.368	0.75	...	...
...	42.162	-34.529	0.80	51.II552	10.4	...	24.210	+9.899	0.80	...	...	...	10.864	-56.873	-1	...	...
...	41.733	-1.642	-4	...	...	...	24.021	-48.468	-4	...	...	...	10.558	-21.791	-5	φ	...
...	41.441	+33.001	-4	...	...	...	23.493	+45.918	-5	...	...	...	10.301	-9.924	-3	...	...
...	-41.372	+42.845	-3	...	...	...	-22.974	-51.378	-4	...	...	...	-10.148	-25.629	-4	...	...
...	40.884	-38.340	-4	...	...	*	22.637	+41.116	1.05	50.II431	10.0	...	9.929	+16.412	0.65	...	...
*	40.737	-4.343	0.90	...	...	*	22.332	-46.429	1.00	51.II560	9.8	*	9.929	-46.472	1.00	51.II565	9.8
...	40.328	+17.138	-3	B	...	*	22.244	+48.778	1.20	50.II432	9.8	...	9.612	-5.539	-4	...	...
†	40.128	+8.823	3.60	50.II422	7.2	*	22.129	-57.662	1.00	52.II769	10.4	...	8.860	-18.436	0.85	...	...
5I	-40.064	-31.897	0.85	...	...	III	-22.062	+12.855	0.80	...	...	I7I	-8.700	+35.537	-4	M	...
...	39.895	-17.357	-4	...	...	...	21.977	+58.072	-5	...	...	...	8.673	-49.070	0.75	...	...
...	39.718	+0.669	-4	...	...	...	21.831	-52.055	0.90	...	...	...	8.055	-16.068	-4	...	...
...	39.089	+46.088	-5	...	...	...	21.685	-4.072	-5	...	...	S *	7.171	+40.908	1.45	50.II439	8.9
...	38.843	-7.266	-3	...	...	...	21.448	+51.299	-5	...	...	...	6.433	+46.466	-3	...	...
...	-38.670	+45.787	-4	B	...	...	-21.277	+2.153	1.00	51.II562	10.0	...	-6.313	-34.556	-5	...	...
*	38.393	+7.697	2.80	50.II423	7.8	...	21.276	-29.197	0.85	51.II561	10.4	†	5.236	+54.413	1.20	50.II440	9.2
...	37.917	-25.261	-2	...	...	...	20.807	+29.775	-5	...	...	S *	5.058	-37.913	1.10	51.II566	9.2
...	37.733	-11.886	0.85	...	...	...	20.585	+23.547	-3	...	...	...	5.039	+20.294	-4	M	...
...	37.652	+13.929	-1	...	...	...	20.109	-8.995	0.75	...	...	*	4.819	+7.387	1.50	50.II441	9.0

L measured from 1, 87, 194, 298.

MC " " 38, 143.

C " " 241, 341.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
181-240						241-300						301-360					
18I	-4.384	+19.541	1.00	50.II442	10.2	24I	+15.414	-32.611	-2	...	...	30I	+30.476	-7.790	0.70	...	...
*	4.360	-54.064	0.90	...	...	...	15.230	-29.324	-2	...	...	...	30.827	-57.430	1.00	52.II784	10.2
...	4.316	-24.190	-1	...	...	*	15.629	+28.748	1.00	50.II448	10.2	†	30.904	+54.660	-5	...	...
...	4.046	-52.767	-4	...	...	...	15.720	+48.178	-5	...	...	...	31.692	+10.752	0.70	...	...
*	2.981	+14.642	0.95	50.II443	10.4	...	16.118	-58.658	-4	...	...	†	31.832	-45.123	0.90	...	...
...	-2.553	+47.490	-2	...	...	...	+16.480	+5.558	-2	...	...	...	+32.542	+33.286	-4	...	...
...	2.319	+6.871	-3	...	...	S *	16.504	+37.053	1.30	50.II449	9.2	*	32.718	-28.907	1.00	51.II579	10.0
*	2.315	+51.469	1.00	50.II444	10.0	*	16.685	-54.311	1.05	51.II574	10.2	...	33.491	+46.939	1.00	...	...
...	2.237	+21.749	-3	Bm	...	...	18.047	+21.386	-5	m	...	...	33.543	+55.416	-5	...	...
...	1.448	+39.865	-4	M	...	...	18.117	+28.677	-5	...	...	...	34.495	+45.579	-5	...	...
19I	-1.255	-6.453	-2	...	...	25I	+18.418	+17.711	-4	...	...	31I	+34.810	-3.455	0.70	...	...
...	1.219	+4.862	-3	Mm	...	...	18.513	+3.246	-2	...	...	S *	35.554	+5.960	2.00	50.II455	8.5
...	-0.602	-38.346	-5	p	...	...	19.167	+37.319	-5	...	...	...	35.849	-42.681	-3	...	...
...	+0.065	+17.481	0.70	...	...	*	19.269	+27.543	1.20	50.II450	9.8	...	36.105	+7.389	-5	m	...
...	0.626	+36.371	-3	...	...	*	19.317	+6.741	1.00	50.II451	10.2	...	37.825	-16.085	0.80	...	...
...	+0.760	-52.612	-3	...	...	...	+19.362	-5.803	0.95	51.II575	10.4	...	+38.019	+27.382	-5	...	...
*	1.464	-19.045	1.00	51.II567	10.0	...	20.840	+29.301	-5	...	...	...	38.029	-31.471	-5	...	...
...	2.147	-46.858	0.80	...	...	*	20.954	-56.695	1.20	52.II781	9.8	...	38.167	+48.036	1.00	50.II456	10.4
...	2.202	+24.884	0.70	...	...	S *	20.997	-58.896	4.70	52.II782	6.6	...	38.780	-19.235	-5	...	...
...	2.269	+39.758	-5	m	...	...	21.095	+42.885	-5	m	...	...	38.951	+4.121	0.85	...	...
20I	+2.288	-20.039	0.85	...	...	26I	+21.120	-1.429	2.20	51.II576	8.0	32I	+39.013	-1.520	-5	...	...
...	2.363	-29.377	-5	...	...	...	21.693	+20.521	-3	...	...	...	40.109	+43.582	-5	...	...
...	2.380	-27.453	-5	p	...	*	21.990	+24.091	0.95	50.II452	10.4	...	40.239	+1.149	0.80	...	...
...	2.906	+11.245	0.90	...	...	...	22.234	-43.890	-3	...	...	...	40.401	+42.786	-5	...	...
*	3.209	-14.600	1.80	51.II568	9.0	...	22.500	+53.587	-3	...	...	...	40.870	+34.075	-5	...	...
...	+5.245	+45.556	-5	...	...	...	+22.917	-5.311	-4	...	...	...	+40.943	-52.311	0.95	51.II580	10.4
...	5.637	+35.112	0.70	...	...	...	23.068	-25.951	-3	...	...	...	41.530	+34.007	-3	...	...
*	6.408	-30.243	0.95	51.II569	10.0	...	23.162	+7.591	-2	...	...	*	41.934	+29.080	1.00	50.II457	10.4
...	6.521	+21.644	-5	m	...	...	23.207	-53.697	-5	...	...	*	42.006	+13.712	1.00	50.II458	10.0
*	7.393	+38.719	1.00	50.II446	10.2	...	23.377	+40.065	0.95	...	...	...	42.243	-6.766	0.75	...	...
21I	+7.476	+6.898	-2	...	...	27I	+23.461	-6.219	1.00	51.II577	10.4	33I	+42.573	+37.005	0.80	...	...
...	7.907	+57.872	-3	...	...	*	23.858	-4.095	-4	...	...	S *	43.377	+23.668	1.30	50.II459	9.6
...	7.944	-43.043	-5	...	...	...	23.942	+21.574	-4	b	...	...	43.574	+32.320	-2	...	...
...	7.985	+27.457	-5	...	...	*	24.058	+22.917	1.05	50.II453	9.8	N *	43.583	-34.240	1.10	51.II581	10.2
...	8.261	-59.611	1.00	52.II776	10.4	...	24.578	-43.210	-5	...	...	*	43.788	-51.012	1.10	51.II582	10.2
...	+8.594	+18.292	0.70	...	...	...	+24.920	-16.624	-5	p	...	...	+44.067	-16.303	-5	p	...
...	9.422	-2.891	0.80	...	...	*	25.842	+28.141	1.00	50.II454	10.4	...	44.253	-45.688	-3	...	...
†	9.767	+4.915	-4	...	...	...	25.843	+35.576	0.65	...	...	...	44.463	+33.033	-3	...	...
S *	10.143	-9.791	1.20	51.II570	9.2	...	26.400	+21.652	-5	m	...	†	44.524	+55.850	1.00	50.II460	9.8
...	10.166	+16.644	0.70	...	...	...	26.415	+10.083	-3	...	...	†	44.548	-23.142	-5	...	...
22I	+10.815	+37.280	0.95	...	...	28I	+26.419	+30.160	0.90	...	...	34I	+45.097	+49.383	-1	...	...
...	10.926	-53.685	-5	...	...	...	26.571	-9.979	-5	...	...	...	45.233	+2.496	0.75	...	...
...	11.083	+1.512	0.70	...	...	...	26.608	+39.976	-4	a	...	...	46.189	-48.785	-1	...	...
...	11.094	-44.636	0.80	...	...	...	26.835	-9.077	-5	...	...	...	46.754	+40.837	-1	...	...
...	11.346	-20.668	0.85	...	...	...	27.056	-58.956	-4	...	...	...	46.862	-6.925	-5	...	...
...	+11.481	+52.908	-5	...	...	...	+27.410	-35.927	-5	...	...	...	+47.067	+19.099	-5	...	...
...	11.504	-29.034	-3	...	...	...	27.726	-9.375	-4	...	...	...	47.573	-26.038	-4	...	...
...	11.575	-39.850	0.95	51.II571	10.2	...	27.779	-32.558	-2	...	...	...	47.867	-48.407	0.80	...	...
...	11.839	-29.715	1.00	51.II572	10.4	...	28.056	+31.081	-3	...	...	...	48.283	+12.854	0.70	...	...
...	12.374	+58.711	-5	...	...	...	28.291	-32.719	0.70	...	...	...	48.600	+30.370	-2	...	...
23I	+12.759	-25.059	-2	...	...	29I	+28.538	+6.702	0.90	...	...	35I	+48.864	+47.614	1.10	50.II461	10.0
...	13.419	-42.768	-3	...	...	...	28.597	+29.187	-5	...	...	...	48.901	+29.818	-3	...	...
*	13.444	-51.157	1.15	51.II573	9.6	...	28.640	+35.433	1.00	...	...	*	49.729	-53.963	1.30	51.II583	9.8
...	13.593	+54.011	0.95	...	...	...	28.715	-36.694	-3	...	...	...	49.959	+37.397	-5	...	...
...	13.800	+25.709	-4	...	...	...	28.913	-23.515	0.90	...	...	...	50.164	+11.281	-5	...	...
...	+13.829	-32.663	-5	...	...	...	+29.336	-17.470	-5	...	...	*	+50.684	+28.715	1.40	50.II462	9.8
...	13.850	-38.817	-4	...	...	...	29.455	-58.205	-4	...	...	S *	51.299	-6.762	4.60	51.II584	6.6
...	14.154	+37.322	-5	...	...	...	30.117	-19.145	0.80	...	...	...	52.025	-35.419	-5	e	...
...	14.156	+33.995	-2	...	...	*	30.240	-5.080	1.00	51.II578	9.8	...	52.273	+33.683	1.00	50.II463	10.4
*	14.470	+13.196	1.00	50.II447	10.2	...	30.261	+22.368	-4	...	...	...	52.497	-19.845	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>	-I.	No.	Mag.		<i>x.</i>	<i>y.</i>	-I.	No.	Mag.		<i>x.</i>	<i>y.</i>	..	No.	Mag.
361-370						371-372											
36I	+53.236	-10.528	0.85	°	<i>e</i>	...	37I	+58.966	-27.646	-2	°	<i>e</i>	...				
...	53.383	+58.834	1.60	50.II464	9.4	...	...	59.356	+19.353	-5	<i>e</i>	...					
*	54.038	+24.834	1.00	...	...	...											
...	54.207	+9.109	-4	...	...												
*	54.401	+45.728	1.20	50.II465	9.8												
...	+55.428	-1.067	-5	<i>e</i>	...												
...	55.886	+58.198	-4	...	...												
...	56.772	+26.519	0.65	...	...												
...	57.475	-51.537	-5	<i>e</i>	...												
...	58.504	-40.565	-5	<i>e</i>	...												

1-40						41-80						81-120					
I	-59.876	-35.555	-5	°	...	4I	-50.768	-0.432	-3	°	...	8I	-39.351	+2.770	-5	°	M
...	59.824	+58.110	-3	...	...	S *	50.226	-12.551	1.15	51.II587	8.8	S *	38.411	+5.720	1.70	50.II468	8.8
...	59.679	-2.395	-5	...	...	...	49.835	+37.436	-3	...	...	...	38.178	-28.079	-3	...	...
...	59.672	-10.649	0.90	E	...	...	49.563	-39.437	0.70	...	...	...	37.947	+36.207	-5	...	...
...	59.500	+9.005	-2	...	...	...	49.056	-1.690	0.80	...	...	...	37.673	-54.328	-5	...	...
...	-58.897	+42.308	-5	...	...	...	-47.751	-23.413	-5	...	...	...	-37.408	-17.773	-5	...	...
...	57.970	-12.376	-5	...	...	...	47.618	-21.240	-5	...	...	...	36.822	+37.896	-4	M	...
...	57.855	-1.117	-5	E	...	S *	47.535	+35.194	1.15	50.II467	9.0	...	36.694	-1.511	-5	...	...
...	57.651	+26.490	0.90	...	...	...	47.496	+11.636	-5	M	...	*	36.630	-52.609	1.00	...	...
...	57.448	-15.808	-4	...	...	...	47.361	+6.943	-5	M	...	↑	36.480	+20.133	-4	...	...
II	-57.145	+13.069	-5	M	...	5I	-47.284	-32.935	-4	...	...	9I	-34.947	-28.042	-3	...	...
...	56.720	-46.017	-5	...	...	...	47.256	+9.853	-5	M	...	...	34.496	+0.808	0.70	...	...
...	56.485	+20.204	-3	...	...	...	46.675	-17.150	-5	...	...	...	34.316	-3.005	-5	...	...
...	56.261	+30.667	-5	M	...	...	46.513	+24.612	-5	M	...	*	33.649	+42.921	1.00	50.II469	9.8
...	55.198	-41.761	-5	...	...	...	46.122	-37.093	-5	...	...	...	33.615	+16.159	-3	...	...
...	-54.773	+19.426	-5	E	...	...	-46.059	-51.304	0.70	...	...	...	-33.568	-49.287	-5	...	...
...	54.668	-42.422	-5	...	...	...	46.041	+43.347	-5	M	...	...	33.244	-0.561	-5	...	...
*	54.438	+29.195	1.05	50.II466	9.8	...	46.026	-15.837	0.95	...	...	...	33.212	-28.649	-5	...	...
...	54.374	+3.718	-5	M	...	...	45.929	+4.649	0.70	...	...	...	32.819	-4.529	-5	...	...
...	54.362	+11.423	-5	M	...	...	45.541	-16.454	-4	...	...	...	32.793	+58.398	-5	M	...
2I	-54.269	+55.243	-5	...	...	6I	-45.494	-41.746	0.65	...	...	10I	-32.361	-59.286	-5	...	...
...	53.754	-51.421	-3	E	...	...	45.394	+16.545	-5	M	...	...	31.959	-23.951	0.90	...	...
...	53.654	+53.387	-5	...	...	...	45.377	+26.421	0.90	...	...	...	31.834	-0.637	-5	...	...
*	53.473	+3.860	0.95	...	...	...	45.339	-41.593	0.70	...	...	...	31.816	+48.780	-3	...	...
*	53.274	+4.678	0.95	...	...	...	44.799	+26.076	-3	...	...	...	31.401	-0.854	-5	...	...
...	-53.255	-27.513	0.80	E	...	...	-44.774	-28.971	0.85	...	...	*	-31.217	+16.824	1.30	50.II470	9.4
...	53.181	-40.434	-4	E	...	...	44.118	+40.117	-3	...	...	...	30.964	-13.922	-5	...	...
*	52.851	-22.134	1.15	51.II585	9.8	...	44.098	-47.330	0.90	...	...	...	30.833	+23.426	-4	...	...
...	52.706	-34.148	-5	...	...	...	42.893	-46.147	-2	...	...	...	30.802	-58.991	-5	...	...
...	52.650	-19.544	-5	...	...	...	42.532	-24.477	-5	p	...	...	30.549	-0.035	-5	...	...
3I	-52.612	+48.943	-1	...	...	7I	-42.190	-24.012	-3	...	...	III	-30.459	+40.766	-4	...	...
...	52.571	+9.087	-5	M	...	*	41.973	-13.495	1.00	...	...	...	30.429	+16.555	-5	M	...
...	52.214	+39.892	-5	M	...	...	41.814	-49.161	-4	...	...	...	30.194	+59.778	-3	...	...
*	52.088	-13.430	1.00	51.II586	9.8	...	41.726	+15.698	-5	...	...	...	29.283	+55.894	-5	M	...
...	51.946	-28.947	-5	...	...	...	41.198	-53.441	1.05	51.II588	9.8	*	29.210	+14.261	1.00	50.II471	9.8
...	-51.856	-37.667	0.80	...	...	...	-41.024	+9.721	0.75	...	...	...	-29.114	-18.305	-5	...	...
...	51.800	-8.619	-4	...	...	...	40.231	+54.871	-5	M	...	...	28.683	+14.587	-5	...	...
...	51.797	+8.159	0.70	...	...	...	40.229	+41.348	-5	M	...	...	28.649	-57.722	0.80	...	...
...	51.780	+40.114	-5	...	...	*	39.866	-51.853	0.95	...	...	*	28.543	+53.836	0.95	...	...
...	51.478	-5.275	-5	...	...	↑	39.552	-59.663	0.75	...	...	...	28.434	+59.338	-5	...	...

L measured from 1, 114, 223, 325.

C " " 65, 173, 264, 371.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
121-180						181-240						241-300					
I2I	-27.790	-38.899	0.95	°	...	I8I	-11.561	-10.791	0.95	°	...	24I	+6.749	+46.517	-2	°	...
...	27.717	-12.709	-5	...	...	...	II.301	+55.326	-5	M	...	...	8.190	+31.892	1.00	50.II479	9.8
...	27.376	+44.276	-5	M	...	...	II.225	+41.383	-5	M	...	...	8.381	-44.118	-5	...	...
*	27.299	+53.844	1.05	50.II472	9.8	...	II.180	+59.191	-4	...	...	*	9.190	-20.687	1.00	51.II598	9.8
...	27.085	-32.719	-5	...	...	...	II.129	-23.794	0.90	...	...	...	9.458	-49.349	-5	...	...
...	-26.831	+12.573	-5	...	...	*	-10.651	-34.036	1.40	51.II593	9.2	*	+9.486	-16.091	1.00	51.II599	9.8
...	26.793	-52.012	-5	...	...	*	10.464	+51.311	1.00	...	...	...	9.498	+18.192	-4	...	...
...	26.545	+42.802	-5	M	...	...	10.330	+16.801	-4	...	...	...	9.651	-6.351	-4	...	...
...	26.299	+7.700	-5	...	...	*	10.245	+23.699	0.85	...	...	*	10.039	+33.237	2.00	50.II480	8.1
...	26.279	-44.082	-5	...	...	...	10.023	-44.181	0.75	...	...	*	10.291	+0.735	2.00	51.II600	9.0
I3I	-25.885	-1.408	1.05	51.II589	9.8	I9I	-9.907	-7.830	-5	...	...	25I	+10.478	-40.973	1.00	...	...
*	25.876	-5.333	-5	<i>p</i>	...	...	9.549	-22.705	-3	...	...	...	10.540	+48.757	-5	<i>m</i>	...
...	25.578	-11.869	-5	...	...	...	9.401	+54.796	-5	...	...	...	10.876	+42.111	-3	...	...
...	25.490	-41.578	-4	...	...	...	9.055	+6.772	-5	M	...	...	II.021	-34.688	-3	...	...
...	25.463	-1.764	0.85	...	...	...	8.943	-57.814	0.70	...	...	...	II.133	-1.954	-5	...	...
...	-25.002	+30.815	-4	...	...	...	-8.729	+40.695	-2	...	...	...	+II.327	+57.209	-3	...	...
...	24.852	+47.697	0.85	...	...	...	7.624	-37.008	0.90	...	...	...	II.482	+55.597	-5	...	...
...	24.334	+34.881	-5	...	...	...	7.547	+18.383	-5	M	...	...	12.406	+32.229	-4	...	...
*	24.103	-21.737	1.00	51.II590	9.8	S *	7.039	-39.423	4.95	51.II594	6.2	...	13.687	-29.372	-5	...	...
...	23.826	-28.120	0.90	...	...	...	6.732	+29.609	-5	M	...	S *	14.197	+36.229	3.00	50.II481	7.5
I4I	-23.784	+39.646	0.70	...	...	20I	-6.629	-13.353	0.65	...	...	26I	+14.313	-1.042	-5	...	...
...	23.221	-4.600	0.80	...	...	...	6.080	+39.741	0.70	...	...	...	14.367	+45.888	-4	...	...
...	22.875	+26.462	-5	...	...	...	6.049	+34.122	0.70	...	...	...	14.576	+46.657	-5	<i>m</i>	...
...	22.582	-31.290	0.90	...	...	...	5.979	+32.562	-4	B	...	S †	14.813	+6.999	1.45	50.II482	8.7
...	22.555	-59.445	0.90	...	...	...	5.926	+2.170	-2	...	...	...	14.963	-10.129	-3	...	...
...	-22.328	+41.450	0.85	...	...	...	-4.794	+2.411	1.00	...	...	†	+15.115	+34.963	-4	...	...
...	21.004	-58.476	-4	...	...	...	4.770	+14.862	-5	...	...	...	15.255	-33.097	-5	...	...
...	20.982	+11.752	0.95	...	...	...	4.119	+2.876	-5	...	...	...	15.290	+56.932	-1	...	...
...	20.794	-32.651	-5	...	...	...	3.805	-48.163	-4	...	...	*	15.568	+17.906	1.15	50.II483	9.8
...	20.760	-49.139	0.65	...	...	...	3.013	+33.923	-4	B	...	...	15.775	+38.865	-5	<i>m</i>	...
I5I	-20.599	+30.182	0.90	...	...	21I	-2.929	-45.583	-5	...	...	27I	+15.835	+2.472	-5	<i>m</i>	...
*	20.466	-0.378	-5	...	...	...	2.866	+5.405	0.80	...	...	...	16.282	+26.631	-5	<i>m</i>	...
...	20.360	+36.168	-5	...	...	...	2.847	-52.041	0.70	...	...	...	16.395	+38.110	0.70	...	...
...	20.310	-48.692	0.65	...	...	...	2.457	+30.281	-3	...	...	...	16.421	-52.270	-5	...	...
...	19.828	-9.100	-2	...	...	*	2.407	+56.302	1.00	...	...	...	16.581	+28.219	-4	...	...
...	-19.800	+8.879	-3	...	...	*	-2.218	-29.977	1.50	51.II595	9.4	...	+16.792	-42.427	-5	...	...
...	19.766	-52.039	-5	...	...	...	1.685	-46.869	-5	...	...	...	16.887	+7.036	-5	...	...
...	19.522	+30.172	-5	M	...	...	1.297	-22.374	0.75	...	...	...	17.173	+11.822	-4	...	...
...	18.993	+28.624	-5	...	...	...	1.165	+36.781	0.90	...	...	...	17.776	-9.366	-4	...	...
...	18.724	+8.768	-5	...	...	...	1.060	-20.429	0.65	...	...	*	18.114	-29.462	1.00	51.II601	9.8
I6I	-18.394	-23.744	0.85	...	...	22I	-0.818	-12.365	-3	...	...	28I	+18.192	+44.197	-5	...	...
*	18.206	-7.479	1.00	51.II591	9.8	...	-0.506	-53.015	-3	...	...	*	18.605	-33.647	0.90	...	...
...	18.097	-15.407	-2	...	...	S *	+0.719	+50.520	1.35	50.II475	9.0	...	18.933	+31.192	-5	<i>m</i>	...
...	17.814	-48.431	-3	...	...	...	1.193	+47.695	-3	...	...	...	19.015	+27.319	-5	<i>m</i>	...
*	17.626	-45.998	0.95	...	...	*	1.822	-45.551	1.00	51.II596	9.8	*	19.636	+27.203	0.90	...	...
†	-17.425	-34.825	-3	...	...	...	+2.187	+27.527	-5	...	...	*	+19.665	+27.285	0.95	...	...
...	16.491	-4.237	1.00	51.II592	9.8	...	2.628	-14.100	-5	...	...	...	19.678	+23.328	-5	...	...
...	16.194	+18.360	-5	M	...	...	2.797	-49.506	-3	...	...	...	20.566	+44.846	-4	...	...
...	15.883	-48.212	-5	...	...	*	2.935	-37.957	1.00	...	...	...	21.678	-37.466	-3	...	...
...	15.654	+43.710	-5	M	...	...	3.424	-45.965	-5	...	...	...	21.853	-51.043	-5	<i>p</i>	...
I7I	-15.364	+12.993	-5	<i>p</i>	...	23I	+3.695	-21.765	-3	...	...	29I	+21.897	+15.984	-5	<i>m</i>	...
...	15.277	+11.677	-2	...	...	...	4.316	+51.352	-5	<i>m</i>	...	...	21.915	-1.911	-5	...	...
...	13.759	-59.612	-4	...	...	...	4.475	-48.583	-3	...	...	...	22.027	+56.095	-3	...	...
...	13.546	-24.363	-3	...	...	*	5.217	+1.767	1.00	51.II597	9.8	...	22.124	+22.784	-3	...	...
...	13.474	-25.264	-5	...	...	...	5.249	+33.107	-3	...	...	*	23.438	-48.977	1.00	...	...
*	-12.604	-17.697	0.95	...	...	...	+5.855	-52.316	-5	...	...	...	+23.448	+31.294	-5	<i>m</i>	...
...	12.460	+38.191	-5	M	...	...	5.909	-50.966	-3	...	...	...	23.661	-47.714	-5	...	...
...	12.342	+17.431	-5	M	...	...	6.259	-18.637	-5	...	...	...	23.667	-32.460	0.86	...	...
...	12.122	+43.968	-5	...	...	*	6.426	+11.735	1.00	50.II476	9.8	*	23.718	-56.207	1.15	52.II813	9.6
...	11.936	+2.667	-5	...	...	*	6.643	+36.100	0.95	50.II477	9.8	...	23.910	+44.299	-5	<i>m</i>	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
301-360						361-420						421-423					
30I	+23.942	+37.983	-5	m		36I	+41.250	-29.472	-5			42I	+59.558	+57.008	1.10	50.11490	9.8
...	24.078	-58.659	-5			...	41.335	-50.067	-3			*	59.615	-29.980	0.75	e	...
...	24.142	+46.528	-3			...	41.698	-59.071	-5			e †	59.629	-25.330	1.20	51.11607	9.6
...	24.535	-23.771	-2			...	42.685	+7.756	-4								
...	24.672	+42.116	-4			...	42.854	-6.518	0.70								
...	+24.899	+24.820	-2			...	+43.168	+28.852	-5								
...	25.051	+14.273	-4			*	43.519	+27.230	1.90	50.11488	8.4						
...	25.431	+50.935	-4			...	43.731	-11.787	-5								
...	25.591	-40.379	0.70			...	43.974	+21.259	-5								
...	25.940	+49.905	-5			...	44.461	-3.598	-2								
31I	+25.980	+47.329	1.40	50.11484	9.0	37I	+44.922	+55.117	0.75								
*	25.983	-10.395	-5			...	45.217	+16.223	-5	m							
...	26.218	+20.690	-5			...	45.522	-59.634	-4								
...	26.286	+19.788	0.75			...	46.067	+39.882	-5								
...	26.300	-20.686	-3			...	46.114	+18.722	-3								
*	+26.474	-5.930	1.60	51.11602	9.0	...	+46.138	+27.991	-4								
*	26.575	+37.233	0.95			...	46.561	-13.074	-5								
...	26.867	-1.386	0.90			...	46.723	-8.643	-2								
...	27.495	+17.800	0.70			...	46.792	-7.893	-5	p							
...	27.710	-56.054	-1			...	46.974	+42.426	-2								
32I	+28.976	-56.334	-5			38I	+47.116	-11.553	-5								
...	29.123	-37.111	-5			*	47.198	-57.701	1.30								
...	29.158	+55.758	1.00			...	47.641	+17.613	-4								
...	29.468	-46.296	0.85			...	47.948	-27.037	-4								
...	29.908	-59.423	-3			...	48.075	-14.631	0.90								
...	+30.018	+39.679	-5	m		...	+48.261	+56.387	-4								
...	30.209	+57.101	-3			...	48.311	+25.435	-5	m							
†	30.236	+10.044	3.60	50.11485	7.6	...	48.401	-0.989	-3								
...	30.553	-42.616	0.70			...	49.191	+34.773	-5	m							
...	31.041	+26.861	0.70			...	50.159	+40.897	-5	m							
33I	+31.065	+16.184	-3			39I	+50.334	-15.969	1.40	51.11606	9.2						
...	31.677	+48.323	-5			*	51.433	-30.872	-4								
...	31.895	-58.394	0.80			...	51.795	-16.516	-5								
...	32.180	+56.423	-5			...	51.923	+4.405	-4	a							
*	32.210	-27.300	1.00	51.11603	9.8	...	51.981	-27.082	0.75								
...	+32.420	+39.715	-5			...	+52.266	+2.978	-5	m							
...	32.605	+52.238	-5			†	52.642	+10.121	-2								
...	32.640	-29.347	0.80			...	52.711	+34.896	0.85								
S *	32.882	-40.421	2.90	51.11604	7.8	...	53.065	-28.479	-4	e							
...	33.185	-53.349	-5			S *	53.234	+38.153	1.90	50.11489	8.4						
34I	+33.512	+33.982	-5	m		40I	+53.492	+41.038	-5	m							
...	33.957	-8.436	-5			...	53.659	-33.695	-5	e							
†	34.656	-50.196	0.90			...	53.922	-22.439	0.70	e							
†	34.810	+0.222	1.05	51.11605	9.0	...	53.972	+7.211	0.70								
...	35.836	+3.802	-3			...	54.337	+12.293	-5	m							
...	+35.927	+30.441	-5	m		†	+54.654	-49.055	0.90	e							
...	36.016	-2.896	-5			†	54.687	-37.772	0.75	e							
...	36.018	+47.242	-5			...	55.835	-44.435	0.90	e							
*	36.135	+59.715	1.10	50.11486	9.8	...	56.229	+23.490	-4								
...	36.651	+7.395	-3			...	56.927	+9.002	-4								
35I	+37.091	-32.306	0.90			41I	+57.224	+8.136	0.80								
*	37.092	+41.141	1.00			...	57.314	+38.996	-5	e							
...	38.038	+16.707	-5	m		...	57.619	-38.319	1.00	e							
S *	39.510	+6.358	1.30	50.11487	8.8	...	57.943	-26.539	0.80	e							
...	39.572	-32.403	0.90			...	57.968	-30.774	-5								
*	+40.089	-16.179	0.95			...	+58.218	+0.554	-5	m							
...	40.235	-48.796	1.00			...	58.354	-32.471	0.95	e							
...	40.358	+11.365	0.85			*	58.413	+33.216	0.90								
...	40.676	+56.413	-3			...	58.413	+17.712	-5	m							
...	40.858	-33.675	0.75			...	59.039	+21.135	-4								

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-59°078	-28°597	-5	E	...	6I	-42°062	-18°334	-3	...	...	I2I	-21°549	-28°420	-5	...	...
...	58°478	-22°525	-3	E	...	...	41°966	-34°441	-5	...	...	...	20°505	+47°657	0°90	...	...
...	58°283	-33°777	-5	E	...	...	41°776	+16°162	-4	...	...	*	20°343	+23°653	1°00	...	...
...	58°053	+23°464	-5	...	...	...	41°610	-0°377	0°90	...	...	*	19°865	+53°278	0°95	...	...
...	57°610	+38°990	-5	E	...	*	41°016	-45°643	1°60	51.II6I3	9·2	...	19°754	-12°777	-3	...	...
...	-57°132	+58°792	-5	...	...	...	-40°936	+57°331	5	M	...	...	-17°793	-7°140	-5	...	...
...	57°101	-37°809	0°80	E	...	...	40°707	-17°206	-5	...	...	...	17°164	+51°834	-5	...	...
...	56°755	+9°004	-5	...	...	...	40°464	-55°652	-2	...	...	...	16°927	-32°502	-5	...	...
...	56°657	-49°089	0°95	E	...	...	40°049	-24°816	0°80	...	...	...	16°562	+32°932	-4	...	...
...	56°429	+8°156	0°75	...	...	...	40°039	-10°195	-5	...	...	*	16°528	-44°047	0°95	51.II62I	9·8
II	...	...	...	...	...	7I	...	...	...	...	...	I3I	...	...	...	...	...
*	-56°258	+33°258	0°95	...	...	...	-39°951	+1°835	-5	...	...	...	-16°253	+57°041	0°90	...	...
*	56°070	+57°086	1°10	50.II490	9·8	...	39°200	+13°973	0°70	...	...	...	15°994	+47°975	0°75	...	...
...	55°663	-44°423	0°80	E	...	...	38°584	+13°240	-5	M	...	...	15°958	+25°240	-2	...	...
...	55°161	+49°966	-5	...	...	...	37°746	-23°244	-4	...	...	...	15°819	-48°628	-4	...	...
...	55°133	+21°215	-5	...	...	*	37°089	-4°628	1°60	51.II6I4	8·8	...	15°599	-47°092	0°90	...	...
...	-54°287	-26°456	0°75	E	...	*	-36°410	+13°556	0°95	50.II494	9·8	...	-15°567	+31°578	-5	M	...
...	54°134	-38°244	0°95	E	...	...	36°363	+23°819	-4	A	...	...	15°441	+27°051	-2	...	...
...	53°634	-32°372	0°90	E	...	...	36°134	-24°285	-3	...	...	...	15°400	-50°515	-5	p	...
*	53°362	+39°004	1°00	50.II49I	9·6	...	35°418	+29°168	0°65	...	...	†	14°666	+24°805	0°65	...	...
...	53°122	-9°495	-2	...	...	*	34°914	-39°990	1°00	51.II6I5	9·8	...	14°264	+2°700	-3	...	...
2I	...	...	...	...	...	8I	...	...	...	...	...	I4I	...	...	...	...	...
E*	-52°637	-25°182	1°10	51.II607	9·6	...	-34°897	+38°070	-5	M	...	...	-14°208	-55°292	-5	...	...
...	52°474	-29°828	0°85	E	...	...	34°278	-23°410	-4	...	...	...	14°055	+33°664	-5	M	...
...	52°241	+25°055	-2	...	...	...	33°856	+15°486	-5	...	...	...	13°264	+51°285	-4	...	...
...	52°077	-21°448	-5	...	...	*	33°812	-19°556	1°00	51.II6I6	9·8	...	13°009	-55°658	0°75	...	...
...	51°701	+16°693	-5	...	...	...	33°566	+6°476	0°95	...	...	...	12°767	-3°520	0°85	...	...
S*	-51°350	-11°918	1°60	51.II609	8·4	...	-33°133	-34°437	0°70	...	...	...	-12°287	+35°442	-4	...	...
...	51°266	-55°856	-5	p	...	...	33°122	+35°285	-5	M	...	...	11°962	+24°528	-4	...	...
...	51°172	+57°984	-5	...	...	...	32°600	+37°088	-3	...	...	...	11°814	-20°048	0°90	...	...
*	51°123	+2°994	1°00	51.II610	9·8	...	32°499	-39°217	0°90	...	...	...	11°548	+32°441	-3	...	...
...	50°845	+53°296	-1	...	...	...	31°833	+32°174	0°70	...	...	...	11°516	-33°407	-1	...	...
3I	...	...	...	...	...	9I	...	...	...	...	...	I5I	...	...	...	...	...
...	-50°672	+41°684	0°90	...	...	...	-31°332	-41°934	-5	...	...	...	-10°777	-13°203	0°75	...	...
*	50°666	-37°934	1°90	51.II608	8·4	*	31°122	-18°976	3°00	51.II6I7	7·8	...	10°680	+12°346	-5	...	...
†	49°628	-9°396	1°00	51.II611	9·4	...	30°673	-43°468	-5	...	...	...	10°292	+30°839	-2	...	...
...	49°416	-38°940	-5	...	...	...	30°589	-51°429	-5	...	...	...	10°100	-44°026	-2	...	...
...	49°360	+39°568	-3	...	...	...	29°444	+5°577	-5	...	...	S†	9°826	-28°250	2°10	51.II622	8·0
...	-48°835	-45°422	-3	...	...	*	-29°379	-8°635	1°20	51.II6I8	9·4	...	-9°812	+19°023	0°80	...	...
...	48°821	-56°162	-1	...	...	...	28°692	-41°171	-5	...	...	...	8°311	+3°437	-5	...	...
...	48°591	-22°599	0°75	...	...	...	28°068	+30°831	-2	...	...	...	8°140	+46°791	-4	M	...
...	48°576	-4°528	-5	...	...	...	27°788	+49°398	-5	...	...	...	8°128	-55°299	-4	...	...
...	47°933	+10°652	-4	...	...	...	27°191	+32°851	-5	...	...	...	7°458	+21°280	-4	...	...
4I	...	...	...	...	...	10I	...	...	...	...	...	I6I	...	...	...	...	...
...	-47°872	+17°496	-5	...	...	*	-27°052	-48°831	0°95	...	...	...	-7°415	-18°671	-2	...	...
...	47°494	+33°924	-5	...	...	...	26°283	-21°276	0°80	...	...	...	7°282	-53°274	-5	...	...
...	47°488	-20°990	0°95	...	...	...	26°088	+34°625	-5	...	...	*	7°273	-18°326	1°15	51.II623	9·8
...	47°304	-54°051	-5	...	...	...	25°973	-13°662	-5	...	...	...	7°094	+12°370	-1	...	...
...	47°082	+47°369	-5	...	...	...	25°506	-0°839	-4	...	...	...	7°063	+22°666	-5	M	...
...	-47°041	-53°863	-5	...	...	*	-25°116	+17°552	0°90	...	...	...	-6°964	+57°998	-4	...	...
*	46°852	-49°455	1°00	51.II612	9·8	...	24°887	-30°243	-2	...	...	S*	6°884	+51°486	1°20	50.II497	9·2
...	46°802	-10°690	-3	...	...	...	24°418	+20°667	-3	...	...	*	6°628	+12°651	1°10	50.II498	9·8
...	46°549	+19°350	-5	M	...	...	24°384	+11°962	1°00	50.II496	9·8	*	6°511	+13°802	1°00	...	...
...	45°373	-18°207	0°90	...	...	...	24°061	+37°555	-5	...	...	...	5°563	+25°201	-4	...	...
5I	...	...	...	...	...	III	...	...	...	...	...	I7I	...	...	...	...	...
...	-45°130	-9°210	0°70	...	...	...	-23°987	+15°886	-5	M	...	...	-5°055	-12°789	-4	...	...
...	44°902	+58°736	-5	M	...	...	23°892	+58°334	-5	...	...	...	4°816	+11°103	-3	...	...
*	44°359	+14°377	0°95	...	...	...	23°535	+16°521	-2	...	...	...	4°777	+25°885	-4	B	...
...	44°150	-30°621	-3	...	...	*	22°834	-16°101	1°00	51.II6I9	9·8	...	4°529	-33°564	-2	...	...
...	43°621	-17°465	-5	...	...	†	22°827	+35°078	0°85	...	...	*	4°149	-46°353	1°00	...	...
*	-43°242	+33°395	0°95	...	...	...	-22°174	+8°572	-5	...	...	...	-3°989	+13°945	-4	...	...
...	42°884	-11°921	-3	...	...	...	22°111	-26°887	-5	...	...	...	3°834	-14°033	0°65	...	...
...	42°699	+42°813	-3	...	...	...	21°704	-45°566	0°75	...	...	...	3°749	+13°142	-4	...	...
...	42°491	-1°722	-5	...	...	*	21°701	-46°557	1°00	51.II620	9·8	*	3°537	-48°461	1°00	...	...
...	42°328	-32°098	-5	...	...	...	21°620	+23°395	-2	...	...	*	3°455	-43°872	1°60	51.II624	8·8

L measured from 1, 95, 192, 289.

C " " 53, 140, 240, 342.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.	
181-240						241-300						301-360						
18I	...	...	...	...	...	24I	...	...	...	...	...	30I	...	...	...	...	...	
...	-3.35I	-19.816	-4	...	...	...	+15.714	+29.35I	-5	...	...	...	+34.428	-55.776	-3	...	...	
...	3.278	+20.415	-3	...	...	...	15.795	+52.270	-5	...	...	...	34.710	+48.82I	-5	...	...	
S *	2.954	+33.793	I.00	50.II499	9.8	...	17.029	-13.712	-3	...	...	...	34.740	-48.946	-3	...	...	
...	2.479	+7.718	-4	...	...	...	18.112	-29.42I	-5	...	...	...	34.743	+23.958	-4	...	...	
S *	2.334	-55.338	3.10	52.II832	7.2	...	18.267	-33.436	0.90	...	...	...	34.774	-0.784	-5	...	...	
...	-2.067	-45.876	-5	...	...	...	+18.38I	-24.698	0.70	...	...	...	* +35.03I	-48.490	I.15	5I.II636	9.2	
...	I.864	+3.528	-3	...	...	...	18.398	+37.720	I.50	50.II504	9.0	S *	35.05I	-47.574	I.10	5I.II635	9.0	
...	I.489	-37.31I	-5	...	...	...	18.589	-35.334	I.00	...	...	...	35.448	-30.583	-5	...	...	
...	I.416	+4.912	-4	...	...	...	18.740	-35.344	-4	...	...	...	* 35.993	+8.420	I.35	50.II51I	9.0	
...	-0.134	+47.162	-4	...	...	...	18.810	-3I.290	-2	...	...	...	36.093	+43.44I	-5	...	...	
19I	...	...	...	...	...	25I	...	...	...	...	...	31I	...	...	...	...	...	
+	0.216	-3I.562	-4	...	...	...	+18.923	+51.394	0.85	...	...	...	+	36.136	-49.700	0.90	...	...
*	0.400	+39.723	I.00	50.II500	9.8	...	19.700	-56.719	-5	...	...	...	...	36.538	-2.572	-3	...	...
...	0.642	-59.415	0.95	...	...	...	19.752	+46.328	-3	...	...	...	...	36.953	+10.619	-3	...	...
...	0.844	-36.925	-5	...	...	...	19.965	-18.273	0.80	...	...	...	...	37.020	+56.595	-5	...	...
...	I.038	+50.424	0.95	...	...	...	19.979	-13.257	-4	p	...	S *	37.025	+36.857	2.10	50.II512	8.1	
+	I.186	-43.006	0.95	...	...	...	+20.173	+53.958	-5	...	...	...	+	37.037	+5.932	-5	...	...
...	I.269	+56.244	-3	...	...	...	20.176	+41.319	0.70	...	...	...	*	37.110	+15.28I	I.00	50.II513	9.2
...	2.349	-56.468	0.95	...	...	...	20.700	-50.976	-3	...	...	...	...	38.389	+52.65I	-5	...	...
...	2.704	-48.488	-5	...	...	...	20.727	+3.065	0.75	...	...	...	...	39.369	-22.53I	-5	...	...
...	2.816	+43.08I	-5	...	...	...	21.044	+28.782	-5	...	...	...	...	39.602	-4.516	-5	...	...
20I	...	...	...	...	...	25I	...	...	...	...	...	32I	...	...	...	...	...	
+	2.964	-2.553	-5	p	...	...	+21.222	-12.484	-3	...	...	...	...	+39.746	+59.049	-5	...	...
...	3.08I	-33.968	-5	p	...	...	21.71I	-6.214	I.15	51.II63I	9.8	...	...	40.043	+49.488	-5	m	...
...	3.305	+43.370	-5	...	...	...	21.805	+17.852	I.00	...	...	...	...	40.357	-25.94I	-4	...	...
...	3.389	-52.560	-5	...	...	...	22.140	+41.530	-4	...	...	...	...	40.512	-59.383	-5	...	...
...	3.456	+8.746	-5	...	...	...	22.177	-57.57I	-4	...	...	...	...	40.557	+33.519	-4	...	...
+	3.549	-14.925	-3	...	...	...	+22.295	-51.473	-3	...	...	...	...	+41.642	+24.702	-5	...	...
*	3.695	-21.502	I.15	51.II625	9.2	...	22.389	+2.940	I.20	51.II632	9.8	...	...	41.903	+26.482	-5	...	...
...	3.749	-27.22I	0.90	...	...	...	22.638	+3.158	-5	...	...	...	...	42.517	+54.787	I.10	50.II514	9.8
*	4.080	-42.613	I.00	51.II626	9.8	...	23.257	+3.468	-5	...	...	...	...	43.187	+14.588	-2	...	...
...	4.743	+13.973	-5	...	...	...	23.410	-18.209	0.80	...	...	...	...	43.436	+3.742	I.05	51.II637	9.8
21I	...	...	...	...	...	27I	...	...	...	...	...	33I	...	...	...	...	...	
+	4.88I	-54.397	-5	...	...	...	+23.764	-0.435	0.70	...	...	...	...	+43.694	+55.10I	I.10	50.II515	9.6
...	4.910	-54.430	-3	...	...	...	23.956	+18.973	I.15	50.II505	9.8	...	...	43.73I	+59.499	-5	...	...
...	4.965	+30.200	-4	...	...	...	24.114	-25.657	2.40	51.II633	8.4	...	...	43.767	+42.270	-5	...	...
+	5.290	+47.650	2.00	50.II50I	8.1	...	24.382	-39.044	-5	...	...	...	...	43.787	-35.359	I.15	51.II638	9.4
...	6.572	-55.397	-5	...	...	...	24.577	+53.279	-5	...	...	...	...	44.04I	-45.787	I.00	...	...
S *	+6.594	-0.256	2.90	51.II627	7.8	...	+26.510	+23.973	0.80	...	...	...	...	+44.070	+57.000	I.30	50.II516	9.0
...	6.96I	-53.325	I.00	51.II628	9.8	...	27.032	+34.585	-5	...	...	...	...	44.246	-13.857	-5	...	...
...	7.196	-40.237	0.80	...	...	...	27.783	-31.949	-5	...	...	...	...	44.273	-2.482	I.25	51.II639	8.8
*	7.538	-20.062	2.00	51.II629	8.4	...	28.227	+20.305	I.00	50.II506	9.8	...	...	44.390	-13.276	-5	...	...
...	7.702	+30.464	I.00	50.II502	9.8	...	28.243	-49.357	0.70	...	...	...	...	45.116	+28.55I	I.40	50.II517	8.5
22I	...	...	...	...	...	28I	...	...	...	...	...	34I	...	...	...	...	...	
+	8.102	+55.116	0.70	...	...	...	+28.297	+4.228	-5	...	...	...	...	+45.146	-13.472	I.25	51.II640	8.6
...	8.392	-47.124	-5	...	...	...	28.313	+46.82I	0.75	...	...	...	...	45.696	+5.35I	-5	...	...
*	8.700	+27.146	I.70	50.II503	8.7	...	28.712	-40.144	-5	...	...	...	...	46.513	+27.224	-2	...	...
...	8.755	+2.008	-1	...	...	...	29.316	-28.285	-5	...	...	...	...	46.686	-38.232	-4	...	...
...	9.119	+36.009	0.70	...	...	...	29.516	+28.94I	I.15	50.II508	9.6	...	...	47.642	-23.430	-3	...	...
+	9.210	-53.896	-5	...	...	...	+29.583	-27.198	0.90	...	...	...	...	+48.859	+15.729	-5	...	...
...	9.949	-5.160	-5	...	...	...	29.83I	-27.065	0.90	...	...	...	...	48.863	-12.163	-4	...	...
...	10.01I	+51.009	-5	...	...	...	30.149	+13.628	I.60	50.II509	8.7	...	...	49.323	+30.907	0.70	...	...
+	10.188	-5.065	I.00	51.II630	9.8	S +	30.224	+2.265	2.00	51.II634	8.2	...	...	50.673	-52.115	-3	...	...
...	10.468	+26.574	0.85	...	...	...	30.388	+9.376	-5	m	...	...	...	50.800	+5.94I	-5	...	...
23I	...	...	...	...	...	29I	...	...	...	...	...	35I	...	...	...	...	...	
...	+10.629	-18.653	-4	...	...	...	+30.597	+24.906	0.90	...	...	...	...	+51.380	+17.154	0.85	...	...
...	10.866	+27.387	-4	...	...	...	30.909	+53.703	-3	...	...	e *	51.493	-54.46I	I.15	52.II846	9.8	
...	11.584	-27.538	-5	...	...	...	30.956	-19.88I	0.70	...	...	...	...	51.629	+7.05I	-5	m	...
...	11.865	-6.792	-5	...	...	...	31.993	-0.095	-5	p	...	...	...	52.199	+16.970	-5	...	...
...	11.977	+33.698	-4	...	...	...	32.057	-4.676	-5	...	...	...	...	52.658	+2.326	0.65	...	...
...	+12.040	+30.310	-5	...	...	...	+32.452	+1.450	-5	...	...	...	...	+52.679	-1.713	-3	...	...
...	13.142	-31.369	-5	...	...	...	32.864	+42.212	0.90	...	...	...	...	53.01I	+23.909	I.80	50.II520	8.4
...	14.453	-39.622	-2	...	...	...	33.03I	-18.939	-5	...	...	...	...	53.169	-18.139	-4	e	...
...	15.192	+24.114	-5	...	...	...	33.734	+37.75I	-5	m	...	e *	53.633	-21.474	I.25	51.II64I	9.4	
*	15.485	-56.650	I.00	...	...	...	34.392	-40.999	0.90	...	...	...	...	53.656	-17.055	-5	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
361-370						371-380						381-385					
36I	+53'994	+ 2'104	- 5	°	...	37I	+55'84I	-36'406	I'60	5I.II642	8·4	38I	+58'494	-13'73I	0·80	°	...
...	54'240	-2I'602	0·80	e	...	Se*	55'969	- 2'719	- 3	e	...	...	58'909	-19'55I	- 5	...	...
...	54'318	+24'829	- 2	...	...	...	56'176	-12'110	0'90	e	...	*	59'147	+ 6'096	I'20	50.II52I	9·8
...	54'590	+50'40I	- 3	...	...	...	56'797	+ 7'537	0'75	...	...	...	59'252	+ 9'280	- 5	...	...
...	54'685	-26'644	- 4	e	...	ne*	57'24I	- 8'468	I'40	...	...	...	59'545	+42'058	0'95	...	...
...	+55'353	+19'753	- 4	...	...	Sne*	+57'460	- 8'49I	I'90	5I.II643	8·2	...	...	...	...	...	...
...	55'422	-22'545	- 4	e	...	...	57'632	-25'784	- 3	e	...	...	...	...	...	...	...
...	55'503	+14'158	- 5	...	...	...	58'139	+14'847	- 4	...	...	...	...	...	...	...	...
...	55'657	+13'826	- 5	m	...	...	58'289	-35'005	0'90	e	...	...	...	...	...	...	...
...	55'837	+48'939	- 5	...	...	...	58'442	-11'036	- 3	e	...	...	...	...	...	...	...

375. 376. C.P.D., suspected double.

1-40						41-80						81-120					
I	-60'010	+24'717	-5	...	...	4I	-47'375	+36'917	0'75	...	...	8I	-37'606	-34'844	-5	...	...
E	59'600	-54'63I	1'00	52.II846	9·8	...	47'013	-23'138	-5	...	...	...	37'577	-45'089	0'80	...	...
...	59'414	-18'266	-5	E	...	...	46'867	-57'47I	-2	...	...	...	37'570	-24'045	0'70	...	...
E*	58'804	-21'582	1'10	5I.II64I	9·4	...	46'647	-24'053	0'90	...	...	...	36'980	+35'585	-5	...	...
...	58'774	+19'689	-4	...	...	...	46'214	+45'090	-5	...	...	...	36'78I	-28'019	-2	...	...
...	-58'202	-21'683	0'70	E	...	...	-46'204	+45'56I	-5	A	...	...	-36'632	+23'724	-2	...	...
...	57'556	-26'693	-5	E	...	...	45'866	-9'356	0'90	...	...	...	36'33I	+19'714	-4	...	...
...	57'245	-2'742	-3	E	...	...	45'83I	+37'354	-5	...	...	...	35'84I	-24'70I	1'30	5I.II647	9·2
...	56'979	-22'582	-5	E	...	...	45'667	-29'554	-5	p	...	...	34'665	+10'415	-5	...	...
...	56'833	+7'539	-I	...	...	*	45'355	+58'408	1'10	50.II530	9·8	...	34'625	+33'794	1'60	50.II533	8·4
II	-56'642	-12'124	0'75	E	...	5I	-45'250	-4'113	0'80	5I.II645	9·8	9I	-34'273	+38'358	3'20	50.II534	7·2
SE*	55'992	-36'414	2'00	5I.II642	8·4	†	45'208	+7'530	0'85	50.II529	9·8	S*	33'787	-48'339	-4	...	...
...	55'776	+14'895	-5	...	...	†	45'177	-49'753	0'65	...	...	...	33'488	-27'40I	-3	...	...
n E*	55'734	-8'452	1'30	...	...	...	44'074	-44'207	0'80	...	...	...	33'439	-31'874	1'05	5I.II648	9·8
SnE*	55'506	-8'459	1'80	5I.II643	8·2	*	43'970	+23'069	1'20	50.II53I	9·0	...	33'265	-6'725	-5	...	...
...	-55'49I	+42'138	1'00	...	...	...	-43'93I	-39'445	-3	...	...	...	-33'210	+24'789	1'80	50.II535	8·4
...	54'639	-25'723	-3	E	...	...	43'82I	-22'996	0'80	...	...	...	33'065	+6'873	-4	...	...
†	54'474	+54'98I	1'00	50.II522	9·8	...	43'717	-33'792	-4	...	...	...	32'892	+22'849	-5	...	...
...	54'453	+9'37I	-5	...	...	...	43'459	-58'088	1'00	...	...	...	32'717	+37'628	-4	A	...
...	54'435	-10'954	-5	E	...	...	42'61I	-2'534	-5	...	...	...	32'075	-50'57I	-5	p	...
2I	-54'433	+6'19I	1'10	50.II52I	9·8	6I	-42'588	+49'063	-5	...	...	IOI	-32'024	-14'62I	-3	...	...
*	54'425	+57'606	3'10	50.II523	7·3	...	42'193	+16'178	-5	...	...	...	31'970	-47'596	-3	...	...
...	54'267	-13'642	-I	E	...	...	42'174	+45'147	0'90	...	...	...	31'108	+55'004	0'65	...	...
†	53'615	-34'919	0'75	E	...	*	41'512	+23'086	1'05	50.II532	9·8	...	31'007	+30'704	0'70	...	...
*	52'424	+37'505	1'00	50.II524	9·6	...	40'845	-10'356	-5	...	...	...	30'49I	+43'008	1'15	50.II536	9·4
...	-51'860	+11'329	-5	...	...	...	-40'787	-24'479	-2	...	...	...	-30'384	+41'932	1'50	50.II537	8·5
...	51'53I	+26'609	-3	...	...	...	40'019	-52'41I	0'75	...	...	...	30'056	-52'399	-5	...	...
...	51'364	+31'822	-5	...	...	...	39'988	+58'330	-I	...	...	...	29'802	-9'117	-5	...	...
*	50'918	+48'466	1'10	50.II525	9·5	...	39'795	-15'252	0'70	...	...	...	29'778	-46'082	1'00	5I.II649	9·8
...	49'979	-28'945	-5	...	...	...	39'644	+11'822	-4	...	...	...	29'499	-43'455	1'60	5I.II650	9·0
3I	-49'95I	-57'664	-5	...	...	7I	-39'009	-31'909	-5	...	...	III	-29'468	+13'499	0'70	...	...
...	49'876	-49'777	-5	...	...	...	38'752	+57'194	-I	...	...	...	29'328	+37'318	0'70	...	...
*	49'575	+32'165	1'00	50.II526	9·8	...	38'574	+20'702	0'75	...	...	...	28'952	+19'863	-5	...	...
...	49'504	+15'105	-5	...	...	*	38'326	-28'064	1'00	5I.II646	9·8	...	28'37I	+19'674	-3	...	...
*	49'419	+57'587	1'25	50.II527	9·5	...	38'317	+21'287	-4	...	...	...	28'267	-14'672	-5	...	...
†	-49'260	-39'790	-3	...	...	...	-38'072	+32'470	-4	...	...	...	-27'662	+15'478	1'00	...	...
...	49'058	-8'939	1'00	5I.II644	9·8	...	38'015	-40'32I	0'70	...	...	...	27'407	-18'614	-3	...	...
...	48'483	+40'219	-5	...	...	...	38'004	-50'453	-5	p	...	...	27'404	+23'476	3'00	50.II538	7·6
S*	48'375	+17'955	2'75	50.II528	7·8	...	37'75I	-8'573	-5	p	...	...	27'378	+41'96I	-3	...	...
...	47'837	-31'844	0'70	...	...	...	37'674	-37'129	0'75	...	...	...	27'152	-30'449	-5	...	...

L measured from 1, 107, 186, 263.

14, 15. C.P.D., suspected double.

C. " " 53, 152, 222, 300.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
121-180						181-240						241-300					
I2I	-26.286	+12.743	I.10	50.II539	9.8	I8I	-2.370	-23.612	-5	...	...	24I	+21.672	-40.312	I.00	...	...
*	26.279	-46.758	I.20	51.II651	9.6	...	I.435	+25.615	-2	...	...	...	21.695	-27.839	-5	...	...
...	26.001	-20.907	0.90	51.II652	9.8	...	I.312	-0.202	-4	...	...	...	21.705	-10.863	0.80	...	...
...	25.913	+57.425	-5	...	...	...	I.301	-12.732	-4	...	...	S *	22.462	-34.004	I.75	51.II667	8.8
S *	25.681	-33.007	3.25	51.II653	7.2	...	0.719	-28.911	0.65	...	...	...	22.788	+15.728	-4	a	...
†	-25.353	-49.378	0.70	...	...	...	-0.183	-26.632	0.75	...	...	...	+23.368	-17.518	-5	...	...
*	25.160	-30.320	I.00	51.II654	9.6	...	0.155	+34.333	-5	...	...	...	23.404	+32.438	-4	...	...
...	24.923	+32.875	-5	...	...	...	0.036	+23.379	0.70	...	...	...	23.520	-40.173	-5	...	...
...	24.821	-39.940	-3	...	...	...	-0.001	+3.727	-3	...	...	...	23.538	+18.456	-4	...	...
...	24.650	+17.411	0.95	...	...	...	+0.586	+23.814	-4	...	...	...	23.765	+5.897	0.65	...	...
I3I	-24.210	+46.488	-5	...	...	I9I	+0.619	+25.101	-1	...	...	25I	+24.036	-3.938	-3	...	...
...	24.082	-32.916	-3	...	...	...	I.383	+53.388	-5	...	...	...	24.984	+21.866	-3	...	...
...	24.026	-12.074	I.00	51.II655	9.8	S *	I.564	+58.662	I.10	50.II544	9.6	...	25.093	+58.344	0.80	...	...
...	22.686	-17.563	-5	...	...	...	I.659	-28.718	-3	...	...	*	25.154	+1.878	I.15	51.II668	9.8
...	22.667	-46.681	0.80	...	...	...	2.095	-58.561	-3	...	...	*	25.569	+27.932	I.05	50.II549	9.8
*	-22.527	-56.614	I.00	52.II861	10.6	...	+3.103	-45.500	-5	...	...	...	+25.748	+33.831	-4	...	...
...	22.364	+14.874	-5	...	...	...	3.322	-8.731	-5	...	...	*	25.933	+8.607	I.00	50.II550	10.6
...	22.231	-21.083	-5	...	...	...	3.636	-48.349	-5	...	...	...	28.025	+11.914	-3	...	...
...	22.092	-48.982	0.90	51.II656	9.8	...	3.694	-33.988	-5	...	...	*	28.224	+28.661	I.40	50.II552	9.2
...	22.091	-56.127	0.75	...	...	...	5.266	+44.386	-5	...	...	...	28.687	+50.262	0.90	...	...
I4I	-21.702	-42.633	I.00	51.II657	9.8	20I	+5.981	-55.635	-1	...	...	26I	+29.182	-48.195	0.80	...	...
*	I9.623	-45.076	-2	...	...	...	6.368	-34.753	I.00	51.II662	10.6	...	29.406	+56.935	-5	...	...
...	I8.700	+54.329	-5	...	...	...	6.449	-25.431	-5	...	...	...	30.363	-14.806	-3	...	...
...	I8.529	+34.406	-5	...	...	...	6.615	-38.433	0.90	...	...	...	31.276	-4.586	-5	...	...
...	I7.417	-6.489	-5	...	...	Su*	7.886	+21.825	I.55	50.II545	9.0	...	31.621	-11.266	-3	...	...
*	-17.050	+24.138	I.00	50.II540	9.8	...	+8.283	+11.308	-1	...	...	...	+33.724	+21.092	-5	...	...
...	I6.858	-50.238	-5	...	...	...	9.399	+16.956	-5	...	...	...	33.912	-29.561	-5	...	...
...	I6.069	-46.944	0.90	...	...	...	9.518	+48.233	0.85	...	...	...	34.273	-36.346	0.90	...	...
...	I5.525	+51.094	-2	...	...	†	9.605	-3.855	I.00	51.II663	10.2	*	34.700	-10.949	I.35	51.II669	9.0
...	I5.416	-6.490	-4	...	...	...	9.819	+56.801	-3	...	...	...	35.207	-16.737	-5	p	...
I5I	-15.403	+2.651	-3	...	...	21I	+10.722	-16.936	I.05	51.II664	10.2	27I	+35.490	-16.760	0.70	...	...
...	I4.758	-15.869	-1	...	...	...	11.435	+51.931	-2	...	...	...	35.580	-31.028	-5	...	...
...	I4.644	-41.728	0.90	...	...	*	11.457	-31.786	I.90	51.II665	8.8	...	36.298	-14.860	-3	...	...
...	I4.560	+52.730	I.00	50.II541	10.6	...	11.469	-53.843	-5	...	...	*	36.403	+9.674	I.00	50.II554	10.4
...	I4.186	+58.888	-4	...	...	...	11.744	-55.258	-3	...	...	*	36.617	+55.076	I.20	50.II553	9.8
...	-13.988	+42.430	-5	A	...	...	+12.241	+25.209	-5	...	...	...	+36.700	+27.771	-5	...	...
*	I3.592	-34.556	I.20	51.II658	9.4	...	I2.787	-28.631	-5	...	...	...	36.845	-59.283	-4	...	...
...	I3.552	-32.531	-5	...	...	...	I3.489	+22.306	-4	...	...	...	37.397	-26.502	-5	...	...
†	I2.622	+24.980	-4	...	...	...	I3.508	+20.242	-5	...	...	...	37.967	+3.910	-5	...	...
...	I2.357	-5.309	0.90	51.II659	10.6	*	I4.162	+34.603	I.20	50.II546	9.2	†	38.384	-34.888	-1	...	...
I6I	-12.114	-34.589	-5	...	...	22I	+14.391	+34.860	-5	...	...	28I	+38.903	-46.025	-5	...	...
...	I2.105	+11.214	0.80	...	...	†	I4.772	-6.550	-3	...	...	...	39.218	-36.673	-5	...	...
...	11.937	+45.960	I.00	...	...	...	I5.328	-34.076	-4	...	...	...	39.992	+7.629	-4	...	...
...	11.277	-52.667	-3	...	...	...	I6.480	-26.646	-4	...	...	*	40.709	+3.758	I.00	51.II670	10.6
*	9.768	+56.225	I.10	50.II542	10.4	...	I6.687	-38.669	0.90	...	...	...	41.041	-58.801	-5	...	...
...	-9.656	-17.988	-5	...	...	...	+16.827	+54.590	-4	...	...	...	+41.079	+46.489	-2	...	...
...	8.761	+14.682	I.00	50.II543	10.6	...	I7.587	-12.000	-5	...	...	*	41.651	-32.854	I.60	51.II672	9.2
...	8.506	-3.204	-5	p	...	...	I7.959	+1.890	-4	...	...	...	41.772	+18.458	0.85	...	...
...	8.143	-49.985	-5	...	...	...	I8.233	-18.570	-5	...	...	*	41.968	+14.580	3.00	50.II555	7.4
*	8.114	+0.696	I.15	51.II660	10.0	...	I8.875	-16.777	-4	...	...	*	42.022	+4.338	I.00	51.II671	10.6
I7I	-7.886	+27.019	-5	...	...	23I	+19.468	-3.399	-5	...	...	29I	+42.072	-43.490	-4	...	...
...	7.549	-9.776	-5	...	...	...	I9.782	+59.482	0.95	...	...	...	42.081	+30.088	0.80	...	...
...	6.169	-33.309	-4	...	...	...	I9.807	+8.623	-3	...	...	...	42.557	+6.382	-3	...	...
†	5.403	-58.096	I.30	52.II866	9.2	...	I9.875	-22.525	-5	...	...	...	42.641	+56.046	-4	...	...
†	5.352	+27.089	0.70	...	...	*	20.131	+31.130	I.15	50.II547	9.8	...	42.845	-31.597	0.85	...	...
...	-5.194	-10.173	-4	...	...	...	+20.417	-34.247	-5	...	...	...	+43.553	+10.661	-4	...	...
...	4.971	-19.071	-4	...	...	*	20.434	+3.126	I.05	51.II666	10.2	*	43.645	-31.135	I.00	51.II673	10.2
...	4.713	-35.947	-5	p	...	...	20.894	-18.715	-5	p	...	...	43.967	-48.260	-5	p	...
...	3.740	-2.325	-5	...	...	...	21.088	+59.695	-5	...	...	...	44.194	+58.298	-5	...	...
S *	2.516	-6.180	I.50	51.II661	9.0	*	21.475	+18.185	I.00	50.II548	10.6	...	44.626	-56.257	I.00	...	...

205. C.P.D. 8 is 10' small.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		0·65.	No.		Mag.	<i>x.</i>		<i>y.</i>	0·65		No.	Mag.		<i>x.</i>	<i>y.</i>
301-320						321-339											
301	+45'284	-10'448	0·80	...	...	321	+53'275	+50'235	1·00	...	...						
...	46·019	-28·191	-5	...	...	...	53·792	-13·126	-5	<i>p</i>	...						
...	46·349	-2·799	0·80	...	...	...	54·155	+39·559	-5	...	...						
S *	46·437	+12·927	3·05	50.II557	7·4	...	55·042	-0·554	-5	...	...						
...	46·927	+55·606	0·65	...	...	...	55·584	+30·737	-3	...	...						
*	+47·329	+49·997	1·20	50.II558	9·8	...	+55·823	-53·721	-4	...	...						
...	47·364	+46·629	-5	...	...	...	55·860	-11·468	0·95	<i>e</i>	...						
...	47·410	-45·990	-5	<i>p</i>	...	...	55·991	-15·876	-3	...	...						
...	48·052	-41·588	0·65	...	...	...	56·615	-31·274	0·65	<i>e</i>	...						
...	48·219	+17·503	0·95	...	...	...	56·925	-3·005	-5	...	...						
311	+49·772	+19·686	-5	...	...	331	+57·042	-8·563	-5	...	...						
*	50·476	+24·007	1·60	50.II559	9·2	...	57·089	+46·449	-5	...	...						
...	50·585	-58·193	-4	...	...	...	57·280	-44·038	0·80	<i>e</i>	...						
...	51·210	+28·233	0·90	...	...	...	57·947	+1·557	-5	...	...						
...	51·238	+36·372	-5	...	...	...	58·146	+58·350	-3	...	...						
...	+51·484	+14·582	0·75	...	...	*	+58·206	+32·641	1·15	50.II561	10·2						
...	51·609	-32·342	-2	...	...	S e *	58·374	-17·672	2·50	51.II674	8·2						
...	52·567	-3·444	-5	...	...	...	58·535	-42·665	1·00	<i>e</i>	...						
...	52·786	+53·801	-5	...	...	...	59·038	-1·482	0·80	<i>e</i>	...						
...	53·077	+11·768	-5	...	...												

1-30						31-60						61-90					
I	...	...	...	...	...	31	...	...	...	...	...	61	...	...	...	...	...
...	-56'987	-11'484	-2	E	...	...	-37'058	-28'529	-4	...	...	...	-19'489	+59'823	-4	...	...
...	56'448	+32'681	0·95	50.II561	10·2	*	35'358	-3'311	1·00	51.II681	9·0	...	...	18'566	-25'476	-3	...
...	55'429	-31'229	-5	E	...	...	35'162	+38'057	1·00	50.II568	9·6	...	...	18'045	+12'188	0·85	50.II575
...	54'234	-43'963	-5	E	...	...	34'836	-27'768	0·90	51.II682	10·2	S *	...	17'053	+45'907	1·95	50.II576
S E *	54'217	-17'570	1·95	51.II674	8·2	†	34'596	+34'075	0·70	50.II569	10·6	†	...	14'764	-36'350	-4	...
...	-54'215	-1'380	-4	E	...	...	-32'910	-15'767	0·70	51.II683	10·6	...	...	-14'332	-10'270	1·00	51.II689
†	54'021	+54'882	1·30	50.II562	8·8	...	30'517	-29'460	-5	...	...	...	...	13'007	+58'330	-5	...
...	53'041	-42'532	-2	E	...	*	30'174	+15'417	1·30	50.II571	9·0	...	...	12'989	-30'896	1·00	51.II690
...	52'697	+22'642	-5	...	...	†	29'657	+36'285	-2	...	...	...	...	12'951	-30'752	-3	...
...	51'954	-18'874	-5	...	...	...	29'092	+58'823	-5	...	...	...	...	12'578	-18'096	-5	...
II	...	...	...	...	...	41	...	...	...	...	...	71	...	...	...	...	...
...	-51'373	-28'941	-5	...	...	...	-29'032	-17'023	-3	...	...	*	...	-12'437	-54'521	1·20	52.II897
*	51'089	-44'118	1·25	51.II675	9·2	...	28'878	+34'099	1·00	50.II572	9·6	...	...	12'206	-46'859	0·85	51.II691
*	50'168	+46'243	1·50	50.II564	8·6	...	28'825	-8'370	0·70	...	...	...	...	11'961	-30'151	-4	...
S *	49'979	+26'725	1·70	50.II563	8·4	...	28'553	+22'767	-3	...	...	...	...	11'821	-0'856	-4	...
...	47'561	+1'490	-5	...	...	...	27'044	-31'357	1·00	51.II684	9·8	...	...	9'554	-22'678	-2	...
...	-45'546	+27'235	-5	...	...	S *	-26'936	+2'490	1·30	51.II685	8·8	...	...	-9'551	-35'461	-3	...
...	44'778	+36'307	-5	...	...	...	26'928	+10'275	-2	...	...	...	...	8'936	-54'575	-3	...
...	42'949	-13'479	-1	...	...	...	26'549	-11'913	0·70	51.II687	10·6	...	...	8'732	+50'686	-5	...
...	41'207	-13'926	0·95	51.II676	9·8	S †	26'290	-44'809	1·00	51.II686	9·6	...	...	8'693	+10'752	-2	...
...	41'069	-6'968	0·70	...	...	...	25'358	+24'107	-3	...	...	*	...	8'147	-48'873	1·10	51.II692
21	...	...	...	...	...	51	...	...	...	...	...	81	...	...	...	...	...
...	-41'042	-1'626	-4	...	...	...	-25'308	-37'970	-4	...	...	...	...	-8'109	+30'808	-5	...
...	40'971	-26'232	-2	...	...	...	25'302	+23'927	-3	...	...	...	...	7'655	-42'182	-5	...
...	40'683	+29'313	0·80	...	...	...	25'259	+52'541	-4	...	...	...	...	7'304	-7'257	0·70	51.II693
...	40'147	-35'227	1·00	51.II677	9·8	†	24'730	-14'201	0·80	51.II688	10·4	...	...	7'284	-30'759	-2	...
...	40'007	-31'171	-3	...	...	...	23'766	+15'367	-4	...	...	...	...	6'756	+44'187	-2	...
†	-39'742	+30'495	0·95	50.II566	9·6	...	-23'756	-17'700	-3	...	...	...	...	-6'567	-37'528	-2	...
...	39'642	-39'996	-2	51.II678	10·6	†	22'711	+34'993	-4	...	...	...	...	6'452	+49'401	-5	...
*	39'321	-9'273	1·20	51.II679	8·6	...	20'542	+58'611	-1	50.II574	10·6	...	...	6'215	-53'310	-3	...
...	38'353	+57'410	-3	50.II567	10·6	...	20'402	+6'692	0·90	50.II573	10·4	...	...	6'145	+32'356	0·70	...
...	37'141	-29'721	1·00	51.II680	9·4	...	19'532	-35'403	0·65	...	...	...	...	5'125	+42'401	-3	...

L measured from 1, 105.

C " " 39, 147.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
91-130						131-170						171-195					
9I	-5.108	+5.99I	-5	°	...	I3I	+20.063	+10.142	-3	°	...	I7I	+47.26I	+49.335	-5	°	...
...	4.950	-21.030	-5	...	...	...	21.428	-18.736	-4	...	...	...	48.824	+1.90I	-3	...	...
...	4.615	+29.700	-5	...	...	...	22.305	+4.030	0.70	...	...	...	48.964	+22.163	0.95	50.II586	10.4
...	4.593	-0.616	-4	...	...	...	22.412	+4.415	0.70	...	...	...	49.219	-40.056	-3	...	...
...	3.933	-44.684	-2	...	...	...	22.702	+27.885	-5	...	...	...	50.505	-19.805	-5	...	...
...	-3.74I	+35.834	-3	...	...	...	+23.419	+39.377	-5	...	...	...	+51.262	+33.325	-5	...	...
...	3.586	-6.187	-5	...	...	...	24.325	+53.758	1.00	50.II582	9.4	...	52.130	+14.500	-5	...	...
...	3.472	-37.397	-4	...	...	...	24.58I	+20.448	-5	...	...	...	52.547	+13.744	-2	...	...
*	3.055	+26.033	1.35	50.II577	8.6	...	25.030	-3.110	0.90	51.II703	9.8	...	53.069	-2.223	0.75	51.II712	10.4
...	2.655	-51.414	0.85	51.II694	10.6	...	25.887	-19.170	0.80	51.II704	10.2	...	53.163	-5.299	-3	e	...
IOI	...	...	...	...	...	I4I	...	...	...	...	...	I8I	...	...	...	...	...
...	-1.62I	-25.823	-4	...	...	...	+26.114	+29.074	-5	...	...	e	+53.748	-37.772	0.80	51.II713	10.4
S*	1.462	-17.193	2.70	51.II696	7.6	...	26.49I	-20.440	-4	...	...	...	53.756	+38.758	-2	50.II587	10.6
*	1.428	-50.803	1.40	51.II695	8.6	...	26.498	+11.175	-3	...	...	...	54.022	+7.762	0.85	50.II589	10.6
...	-0.336	+37.725	0.70	50.II578	10.6	†	28.424	+34.892	-2	...	...	S*	54.119	+26.565	2.15	50.II588	7.8
...	+0.411	+59.765	-2	50.II579	10.6	...	28.813	+16.648	-2	...	...	e	55.412	-4.156	1.00	51.II714	9.4
...	+0.682	-56.289	-3	...	...	S*	+29.572	+3.343	2.25	51.II705	8.0	e	+56.042	+30.582	0.70	51.II716	10.6
S*	2.329	-46.628	1.25	51.II697	9.0	...	30.158	-43.799	0.65	51.II706	10.6	...	56.147	-3.901	-4	e	...
†	2.654	-44.831	-4	p	...	...	30.665	-11.332	-4	...	...	...	56.154	+11.435	-3	...	...
...	2.711	+8.748	1.00	50.II580	9.5	...	32.034	-26.295	0.80	51.II707	10.4	...	56.409	+5.319	0.70	51.II715	10.6
...	3.404	+17.435	-2	...	...	...	32.397	+11.517	-5	...	...	S e	56.740	-27.432	1.00	51.II717	9.2
III	...	...	...	...	...	I5I	...	...	...	...	...	I9I	...	...	...	...	...
...	+3.676	-23.475	-4	...	...	*	+32.539	+24.083	1.00	50.II583	9.5	e	+56.866	-34.432	1.00		
...	5.302	-51.935	-3	...	...	...	33.588	-18.051	-2	...	...	e	56.956	-34.448	0.90	51.II718	9.2
...	5.731	+3.630	0.75	51.II698	10.6	...	33.945	-25.623	0.95	51.II708	9.8	...	58.149	-42.093	-3	e	...
...	6.792	+35.971	-2	...	...	...	34.036	-10.886	-4	...	...	e	58.508	-54.741	-4	52.II920	10.4
...	6.903	+0.377	0.70	a	...	...	34.093	+25.765	0.70	...	...	...	59.219	+18.064	-5	...	...
...	+7.303	+38.071	-5	...	...	...	+34.869	-42.701	-1	...	...	...					
...	8.211	+31.062	-5	...	...	...	35.308	+32.540	0.70	50.II584	10.6	...					
...	9.645	-14.718	1.00	51.II699	9.4	...	36.977	-13.909	-4	...	...	...					
S*	11.076	+40.487	1.00	50.II581	9.5	...	37.218	+7.222	0.75	...	...	...					
...	11.160	-9.712	-2	...	...	...	37.486	+34.687	-5	...	...	...					
I2I	...	...	...	...	...	I6I	...	...	...	...	...	...					
*	+12.591	-12.494	1.10	51.II700	9.2	...	+39.394	+55.185	0.85	50.II585	10.2	...					
...	13.857	-43.618	0.90	51.II701	10.2	...	39.467	-48.662	-5	...	...	...					
...	13.911	-28.526	-2	...	...	...	40.198	-51.977	1.00	51.II709	9.8	...					
...	15.906	-15.668	0.95	51.II702	9.4	...	41.332	-42.352	0.70	...	...	...					
...	16.177	+19.018	-5	...	...	...	43.072	+41.925	-3	...	...	...					
...	+16.592	+16.165	-4	...	...	...	+43.422	+2.955	-5	...	...	...					
...	16.821	-15.055	-5	...	...	...	44.026	+9.849	-2	...	...	...					
*	17.055	-54.641	1.15	52.II908	8.8	†	44.663	-19.964	0.70	51.II710	10.4	...					
...	18.229	+29.634	-3	...	...	...	46.489	+2.395	-5	...	...	...					
...	18.943	+7.853	-3	...	...	...	47.241	-38.046	1.00	51.II711	10.0	...					

1-10						11-20						21-30								
I	†	—59°938	—5°435	0°75	°E	...	II	E	—56°026	—30°580	1°00	51°11716	10°6	2I	*	—51°669	+53°848	1°45	50°11591	9°1
...	...	59°622	+7°651	0°90	50.11589	10°6	...	...	55°554	+47°439	—2	...	...	...	...	51°617	+33°257	—2	...	...
...	...	59°392	—14°944	—4	...	...	S E*	...	55°458	—27°412	1°40	51.11717	9°2	...	...	50°945	—20°106	1°00	51.11719	10°0
...	...	58°419	—6°719	—5	p	...	E †	...	55°050	—34°395	1°00	...	...	...	...	50°730	+10°908	—5	...	...
E	...	58°025	—37°861	0°90	51.11713	10°4	E †	...	54°903	—34°402	1°00	51.11718	9°2	...	...	50°556	—3°107	—3	...	...
E *	...	—57°736	—4°208	1°20	51.11714	9°4	E †	...	—54°854	+18°160	—2	...	...	...	...	—47°844	—29°430	—3	...	...
...	...	57°629	+11°411	0°75	...	...	...	...	53°746	+50°898	—1	...	...	...	...	46°812	+17°551	—1	...	...
...	...	57°128	+5°315	0°90	51.11715	10°6	...	...	53°461	—42°005	0°90	E	...	...	...	46°153	+18°213	—3	...	...
...	...	57°023	—3°929	0°70	E	...	...	...	53°070	+16°425	—4	...	...	...	...	45°984	—38°407	—5	...	...
...	...	56°926	—51°129	—3	...	...	E	...	52°587	—54°626	—1	52.11920	10°4	...	*	45°509	—22°397	1°00	51.11720	9°8

L measured from 1, 130.
C " " 62, 183.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
31-90						91-150						151-210					
3I	-45.108	+57.905	-1	...	...	9I	-15.180	+53.015	-1	...	...	15I	+15.815	+54.764	-4	...	...
...	44.189	-32.580	-5	...	...	†	15.045	+4.657	0.95	51.II733	10.4	...	15.916	-32.458	0.70	...	...
...	42.102	+14.874	0.70	...	...	...	14.215	-53.673	0.70	...	...	...	16.060	+28.622	-2	...	...
...	41.005	+21.455	-3	...	...	...	13.930	+30.986	0.70	...	...	*	16.514	+58.315	1.10	50.II613	9.8
...	40.677	-14.597	0.80	...	...	...	13.504	+27.474	0.85	...	...	...	16.774	-11.425	-5	...	...
...	-40.289	+51.070	-3	...	...	†	-13.495	-39.693	1.40	51.II734	9.0	*	+17.043	-30.266	2.00	51.II742	8.4
...	40.266	+37.399	-3	...	...	*	13.358	+12.964	1.30	50.II601	9.5	...	17.386	+49.800	0.80	...	...
...	39.742	+17.447	0.95	50.II593	10.4	...	13.277	+21.151	1.30	50.II602	9.4	...	17.455	-46.744	-5	...	...
*	39.529	+15.520	1.15	50.II594	9.1	...	12.992	+21.552	1.00	50.II603	10.2	...	17.660	+36.485	-3	...	...
*	39.176	-26.378	1.20	51.II721	9.2	...	12.271	-12.944	0.85	...	...	...	18.645	-43.521	-5	...	...
4I	-38.622	-24.211	0.70	...	...	10I	-12.058	-49.423	-4	...	...	16I	+18.824	+46.441	0.70	...	...
*	38.092	+26.680	0.95	50.II595	9.8	...	11.965	+27.817	0.75	...	...	...	19.142	+35.679	0.70	...	...
†	37.633	-39.774	-5	...	...	...	11.637	-20.392	-5	...	...	...	19.301	-10.468	0.70	...	...
...	37.458	+37.291	0.80	...	...	S *	10.350	+26.139	1.25	50.II604	9.2	...	19.663	-18.394	-5	...	...
...	35.970	+4.391	0.90	51.II722	10.4	†	10.048	+1.490	-5	...	...	...	20.982	+25.367	0.70	...	...
...	-35.876	-36.002	0.90	...	...	...	-9.825	-53.782	-2	...	...	...	+21.061	+32.200	0.75	...	...
...	34.768	-33.947	-4	...	...	...	9.630	-33.220	-4	...	...	...	21.067	-46.644	-4	...	...
...	34.734	-30.019	-5	...	...	...	9.355	-11.386	-4	...	...	...	21.318	-9.465	1.00	51.II743	10.2
...	34.591	+21.842	-5	...	...	*	8.917	+42.457	1.10	50.II605	9.5	...	22.495	+7.531	-2	...	...
...	34.021	+21.848	-5	...	...	S †	8.551	-4.848	1.25	51.II735	9.2	*	22.559	+52.243	1.00	50.II614	9.8
5I	-33.749	+28.309	0.70	...	...	III	-8.338	+40.591	0.70	...	...	17I	+22.574	-55.266	1.00	52.II946	10.2
...	33.035	-28.821	-4	...	...	...	8.283	+33.276	0.95	50.II606	10.4	...	23.394	-28.272	-5	...	...
...	32.962	+54.302	-5	...	...	...	8.278	-50.303	0.75	...	...	...	23.424	-50.241	0.75	...	...
*	32.962	+35.202	0.95	50.II596	9.8	...	8.032	-45.262	-4	...	...	...	23.582	+39.493	0.75	...	...
...	32.959	+6.448	1.00	51.II723	10.2	*	7.490	-43.675	1.20	51.II736	9.4	...	25.747	-14.570	-5	...	...
...	-32.743	+26.408	-5	...	...	...	-7.482	+2.001	-4	...	...	...	+27.213	-26.557	0.70	...	...
S *	32.717	+5.617	2.40	51.II724	8.4	...	7.011	-26.353	-4	...	...	...	27.802	+23.869	0.75	50.II615	10.6
...	31.934	-15.621	1.00	51.II726	10.2	S *	6.440	+56.883	2.30	50.II607	8.4	*	28.158	-21.540	1.25	51.II745	9.4
...	31.732	-49.111	1.00	51.II725	10.4	...	6.178	-48.499	-3	...	...	S *	28.215	+3.031	2.00	51.II744	8.6
...	31.659	-38.987	0.80	...	...	†	5.072	+48.603	-3	...	...	...	28.232	+4.389	-3	...	...
6I	-30.556	-3.627	1.10	51.II727	9.2	12I	-4.313	-36.724	-5	...	...	18I	+28.435	-13.823	-3	...	...
†	28.888	+15.199	1.00	50.II598	10.0	...	3.912	+21.445	-3	...	...	...	29.090	-55.158	-4	...	...
...	27.475	-40.481	0.95	51.II728	10.6	...	3.730	+28.635	0.95	50.II608	10.6	†	29.890	+50.462	1.40	50.II616	9.2
...	26.380	+0.383	-2	...	...	...	1.807	-53.204	0.65	...	...	...	30.037	-10.650	-4	...	...
...	26.208	+29.710	-5	...	...	...	1.257	+31.731	0.75	...	...	...	31.950	-36.432	-4	...	...
*	-25.846	-4.609	1.30	51.II729	9.2	...	-1.144	+41.355	-5	...	...	...	+32.349	-8.005	0.80	...	...
...	24.925	-58.369	-4	...	...	...	0.858	-5.958	-5	...	...	*	32.471	+22.288	1.20	50.II618	9.5
...	24.035	+26.427	-5	...	...	...	0.501	+28.415	-3	...	...	...	33.881	+36.606	-4	...	...
S *	22.702	-31.795	1.30	51.II730	9.0	*	-0.218	+58.967	1.40	50.II609	9.4	*	34.090	+28.040	1.25	50.II620	9.6
...	22.188	-26.984	-4	...	...	...	+0.992	+41.178	0.95	50.II610	10.4	...	34.283	+51.524	1.00	50.II619	10.2
7I	-20.222	+17.398	-5	...	...	13I	+1.950	+15.373	-5	m	...	19I	+35.734	-27.084	1.05	51.II746	9.8
...	20.196	-4.515	-2	...	...	S †	2.658	-40.719	3.30	51.II737	7.4	...	35.923	+10.470	-2	...	...
...	19.505	+48.553	-3	...	...	...	4.045	+42.732	-3	...	...	...	36.018	+57.505	0.80	...	...
...	19.276	-16.258	-3	...	...	...	4.127	+32.745	0.95	50.II611	10.2	...	36.561	-1.147	0.80	51.II747	10.6
...	19.113	-42.183	1.00	...	...	...	4.384	-49.216	0.80	...	...	*	37.647	-55.306	1.05	52.II948	10.4
...	-18.713	-39.971	0.90	51.II732	10.6	S *	+4.656	+33.151	1.20	50.II612	9.2	...	+37.964	-32.686	-4	...	...
...	18.637	-52.744	0.65	...	...	*	5.570	+0.551	1.25	51.II738	9.2	S *	37.972	+56.422	3.00	50.II621	7.8
...	18.633	-51.661	1.00	51.II731	10.6	...	6.057	-17.643	-5	...	...	...	38.282	-30.547	0.85	...	...
...	18.169	-43.748	0.70	...	...	*	6.060	-8.030	1.25	51.II739	9.2	...	38.354	-52.935	0.95	51.II748	10.6
...	18.141	-17.109	-4	...	...	...	6.295	-15.909	-2	...	...	...	38.733	+11.466	-4	...	...
8I	-17.840	+23.050	-5	...	...	14I	+6.421	-2.597	0.95	51.II740	9.8	20I	+38.768	+29.568	-3	...	...
...	17.373	-30.865	-4	...	...	...	6.825	+43.837	0.70	...	...	...	41.101	+48.779	-2	...	...
...	17.320	+51.908	1.00	50.II599	10.2	*	8.642	-13.796	1.20	51.II741	9.4	...	41.274	+45.896	-1	...	...
...	16.623	+45.686	-3	...	...	...	9.029	-38.997	-5	...	...	...	42.007	-27.913	-2	...	...
...	16.527	+31.568	-5	...	...	...	9.349	-58.909	0.70	...	...	...	42.509	-36.688	-4	...	...
...	-16.466	+34.035	-4	...	...	...	+10.198	+37.552	-3	...	...	...	+42.860	-26.745	0.90	51.II749	10.6
...	16.074	-25.213	-5	...	...	...	10.997	-56.307	-5	...	...	...	43.663	+56.807	-4	...	...
...	15.882	+28.570	-4	...	...	...	12.678	-15.128	-5	...	...	†	43.907	-9.856	-2	...	...
...	15.764	-31.114	-3	...	...	...	12.869	-27.525	-4	...	...	...	45.057	-46.275	0.75	...	...
...	15.556	+56.331	0.75	...	...	...	14.525	-35.903	0.75	...	...	S *	45.706	+10.969	1.15	50.II622	9.6

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		-I.	No.		Mag.	<i>x.</i>		<i>y.</i>	-I.		No.	Mag.		<i>x.</i>	<i>y.</i>
211-220						221-230						231-235					
2II						22I						23I					
...	+45.798	-41.578	-4	...	...	...	+50.753	-36.477	0.95	...	...	...	+57.539	-37.239	1.00	<i>e</i>	...
†	45.803	+10.064	0.70	...	...	...	52.051	-32.446	0.90	<i>e</i>	...	<i>e</i> *	57.599	-59.070	1.60	52.II952	9.3
...	46.304	+23.735	0.75	...	...	†	52.163	-9.872	0.65	...	...	...	58.346	+31.464	-4	...	...
...	47.046	-25.542	0.90	...	...	<i>e</i> *	52.426	-27.233	1.10	51.II750	9.6	...	58.483	-6.634	-2	<i>e</i>	...
*	47.257	+46.589	1.10	50.II623	10.0	<i>e</i> *	53.235	-2.862	1.05	51.II751	9.8	...	58.938	-45.959	1.15	<i>e</i>	...
...	+47.606	+54.319	-4	<i>a</i>	...	<i>e</i>	+54.394	-56.410	1.10	52.II951	10.4						
...	47.772	-16.739	0.90	...	...	<i>e</i> *	55.517	-50.234	1.30	51.II752	9.8						
*	48.075	+11.752	1.00	50.II624	10.2	...	55.608	+41.349	-5	...	...						
...	48.484	-19.890	-5	...	...	<i>e</i>	55.891	-50.087	1.05	51.II753	10.4						
...	50.191	+29.913	-2	...	...	...	55.983	+34.493	1.00	50.II625	10.0						

1-40						41-80						81-120					
I	...	...	...	...	...	4I	...	...	...	...	...	8I	...	...	...	...	...
E †	-59.962	-2.987	1.00	51.II751	9.8	...	-46.014	-45.289	-3	...	...	...	-28.342	-56.821	1.15	52.II958	9.8
†	59.938	-32.604	0.85	E	...	...	45.793	-16.824	0.90	...	...	...	27.767	-3.518	1.00	...	...
E *	59.793	-27.382	1.15	51.II750	9.6	...	45.505	-22.866	0.85	...	...	...	26.876	-28.423	0.90	...	...
...	59.638	-38.834	-5	...	...	...	44.710	+6.291	-5	...	...	...	26.456	+8.929	-2	...	...
...	59.549	+40.772	-5	...	...	...	44.667	-1.293	0.75	...	...	...	26.045	-47.222	-3	...	...
...	-59.391	+41.285	-3	...	...	...	-44.266	-34.288	0.75	...	...	...	* 26.023	+11.317	1.20	50.II629	9.8
...	58.732	+34.448	1.00	50.II625	10.0	*	43.706	-44.931	1.20	51.II754	9.6	*	25.592	-15.502	1.25	51.II757	9.6
...	56.977	-6.842	-4	...	...	...	43.390	+13.281	-4	...	...	†	25.007	+7.473	1.00	...	...
E	56.620	-56.455	1.00	52.II951	10.4	...	42.344	+49.534	1.05	...	...	...	24.415	-48.134	-4	...	...
...	56.252	+31.516	-3	...	...	...	42.225	+39.902	1.00	...	...	...	24.281	+31.746	1.00	...	...
II	...	...	...	...	...	5I	...	...	...	...	...	9I	...	...	...	...	...
E *	-55.751	-50.228	1.25	51.II752	9.8	...	-41.494	+52.010	-4	...	...	...	-24.274	+7.641	-4	...	...
E	55.387	-50.063	1.00	51.II753	10.4	...	40.971	-1.947	-5	...	...	...	24.008	+17.830	-3	...	...
...	54.576	-6.548	0.75	E	...	...	40.244	-37.124	-5	...	...	...	23.844	-24.820	-5	...	...
...	54.255	-37.169	1.00	E	...	...	39.888	+11.025	0.90	...	...	...	23.159	+23.391	-3	...	...
E *	53.317	-58.985	1.70	52.II952	9.3	...	38.737	+57.832	1.15	...	...	...	23.021	-39.827	-1	...	...
...	-52.910	-58.913	-5	...	...	S *	-38.682	-53.389	3.00	52.II956	7.6	...	-22.702	-41.292	-5	p	...
...	52.809	-1.912	0.70	...	...	...	37.956	+27.785	-2	...	...	...	21.898	+52.060	0.90	...	...
...	52.807	+29.653	-5	...	...	...	37.266	-28.225	1.00	...	...	...	21.744	+21.264	0.80	...	...
...	52.516	-45.815	1.15	E	...	...	37.187	-32.037	1.00	...	...	...	21.446	-33.708	1.00	...	...
...	52.343	-11.373	-2	...	...	...	36.536	+56.436	-3	...	...	*	21.288	+29.024	1.10	50.II631	9.8
2I	...	...	...	...	...	6I	...	...	...	...	...	10I	...	...	...	...	...
...	-52.231	-24.011	-3	...	...	...	-34.417	-12.652	-5	...	...	...	-20.625	+34.179	-3	...	...
...	52.211	-21.206	-5	...	...	...	34.388	-46.944	1.00	...	...	*	20.539	+16.503	1.20	50.II632	9.8
...	51.710	+3.460	0.70	...	...	...	34.304	-26.291	0.80	...	...	...	20.421	+38.493	-2	...	...
...	51.473	+35.777	-3	...	...	*	33.942	+25.332	1.05	50.II627	9.8	...	20.204	+3.040	-5	...	...
...	51.343	-37.450	-3	...	...	...	33.902	-52.098	0.95	...	...	...	19.831	+49.999	-4	...	...
...	-50.903	+53.321	-4	...	...	...	-33.419	+23.991	0.85	...	...	...	-19.387	+16.074	-4	...	...
...	50.853	+58.154	-1	...	...	...	33.341	-7.430	0.95	...	...	...	18.783	+54.703	-4	...	...
...	50.635	-29.523	-5	...	...	...	32.618	-33.454	0.95	...	...	...	18.577	+27.225	0.65	...	...
†	50.571	+35.149	1.00	...	...	...	32.538	+40.690	1.00	...	...	...	18.503	-52.419	-5	...	...
†	50.010	+43.518	0.95	...	...	...	32.522	+29.250	1.00	...	...	*	18.251	+18.512	1.35	50.II633	9.5
3I	...	...	...	...	...	7I	...	...	...	...	...	11I	...	...	...	...	...
†	-49.756	+10.157	0.80	...	...	S *	-32.438	+49.844	3.00	50.II628	8.2	...	-18.085	-44.079	-4	...	...
...	49.448	-31.137	-5	...	...	...	32.054	-37.490	0.90	...	...	...	17.849	-2.337	-4	...	...
...	49.227	+59.981	-1	...	...	S *	31.776	+3.926	1.00	51.II756	9.8	...	16.712	-43.761	-5	...	...
*	49.123	+50.710	1.30	50.II626	9.8	...	31.390	+18.365	-5	...	...	...	16.154	+24.760	0.70	...	...
...	48.876	-24.855	-3	...	...	*	31.353	-32.770	1.10	...	...	...	16.132	+27.024	-5	...	...
...	-48.147	+9.721	0.85	...	...	*	-31.321	-32.924	1.20	51.II755	9.0	...	-15.705	+53.272	-5	...	...
...	47.858	-5.537	0.80	...	...	...	30.356	-49.881	0.90	...	...	...	14.812	-11.311	1.00	...	...
...	47.753	+36.652	0.75	...	...	...	30.215	-37.758	-3	...	...	...	14.489	+2.112	0.90	...	...
...	47.267	+17.495	-5	A	...	...	29.851	+12.225	-5	...	...	...	14.285	-42.969	-5	...	...
...	46.996	-51.194	-3	...	...	...	28.867	+24.925	-1	...	...	...	14.092	-45.589	-3	...	...

L measured from 1, 148.
C " " 79, 222.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
121-180						181-240						241-283					
I2I	-14°077	+24°263	-2	...	...	I8I	+15°38I	-52°490	-5	...	...	24I	+37°230	-42°168	0°90	...	...
...	I4°074	-36°9II	-2	...	...	*	I5°770	+42°539	I°05	50.II642	9·8	...	37°428	+II°470	I°00	...	...
...	I2°59I	-I°I38	0°80	...	...	...	I6°026	-14°948	-5	...	...	...	37°654	-18°6I3	I°00	...	...
...	II°955	+37°378	0°80	...	...	...	I6°188	+58°068	-5	...	...	...	38°179	-9°729	-4	...	...
...	II°537	+18°846	-4	...	...	...	I6°332	+35°939	-4	...	...	...	38°398	-3I°229	0°80	...	...
...	-10°742	-6°57I	0°75	...	...	...	+17°085	-52°423	-5	...	...	...	+38°528	+57°2I3	-4	...	...
†	I0°610	+50°I22	0°80	...	...	...	I7°365	-4°67I	-2	...	...	...	39°887	+6°848	-2	...	...
*	I0°556	-26°842	2°00	5I.II758	8·8	...	I8°189	+13°150	-5	...	...	*	39°940	-35°698	I°10	5I.II772	9·8
...	I0°403	-47°294	0°70	...	...	...	I9°082	-43°280	-5	...	...	...	40°850	-12°128	I°00	...	...
...	9°82I	-32°493	-2	...	...	S *	I9°253	-45°867	3°30	5I.II764	7·6	...	4I°I2I	+37°559	I°00	...	...
I3I	-9°266	+I°896	-5	...	...	I9I	+19°7II	+37°865	-4	...	...	25I	+4I°486	+48°026	I°20	50.II645	9·8
...	8°568	-36°495	I°00	5I.II759	9·8	...	20°77I	+6°335	-5	...	...	...	4I°643	-25°894	-5	...	...
...	8°I54	-28°087	-2	...	...	...	20°866	-32°69I	0°85	...	...	*	42°466	-52°337	I°20	5I.II773	9·6
...	8°I08	+53°2I9	-3	...	...	...	2I°269	-55°625	-3	...	...	*	44°233	+22°788	I°20	50.II646	9·6
...	7°I46	-5°224	-3	...	...	...	22°430	-59°050	0°70	...	...	...	45°313	-26°994	-5	...	...
S *	-6°540	+16°653	2°35	50.II634	8·7	...	+22°6I3	+1I°486	-5	...	...	S *	+45°383	-36°433	I°30	5I.II774	9·4
...	4°78I	-38°77I	I°00	5I.II760	9·8	†	22°920	-49°728	-4	...	...	...	46°316	+32°075	0°75	...	...
...	4°593	-38°334	-5	...	...	...	22°993	-15°663	I°00	5I.II765	9·8	...	47°185	-19°014	-2	...	...
...	3°984	+39°535	-5	...	...	...	23°055	+28°874	I°00	...	...	...	47°236	-19°296	-3	...	...
...	3°374	-40°654	-3	...	...	...	23°3II	-55°916	-2	...	...	*	47°68I	+3I°86I	I°20	50.II647	9·8
I4I	-3°155	+15°118	I°00	50.II635	9·8	20I	+24°I79	-5I°779	I°15	5I.II767	9·6	26I	+47°77I	-48°239	I°05	...	...
†	2°895	+49°872	I°40	50.II636	9·3	...	24°263	+3I°283	-5	...	...	...	49°330	+4I°155	-5	...	...
*	0°846	-2°510	I°15	5I.II76I	9·6	*	24°306	-17°78I	2°00	5I.II766	8·8	...	49°915	-16°979	0°70	...	...
*	0°749	+16°979	I°30	50.II637	9·3	...	24°739	-27°954	0°90	...	...	...	50°527	-53°070	0°65	...	...
*	0°722	+3I°564	I°10	50.II638	9·8	†	24°875	+4I°132	0°85	...	...	*	50°53I	+46°233	I°15	50.II648	9·8
...	-0°645	+45°335	I°00	...	...	S †	+24°965	+1I°985	2°90	50.II643	8·5	...	+50°836	-37°158	I°20	5I.II775	9·8
...	0°397	-2°008	-4	...	...	...	25°566	+5I°754	I°00	...	...	...	50°962	+18°826	-2	...	...
†	-0°118	-58°283	2°60	52.II963	8·0	...	25°626	-58°300	I°05	...	...	...	5I°616	-18°453	-3	...	...
...	+0°953	+2I°346	-2	...	...	...	25°655	+12°935	-5	...	...	...	52°08I	-9°523	0°70	...	...
*	I°546	+29°230	2°00	50.II639	9·0	...	25°742	+49°655	I°00	...	...	...	52°376	-18°014	-5	...	...
I5I	+I°962	-34°977	0°75	...	...	2II	+26°324	+52°030	-2	...	...	27I	+53°030	-27°026	-5	...	...
†	2°009	+20°150	-2	...	...	...	26°428	-58°167	-5	...	...	*	53°155	+54°345	I°40	50.II649	9·5
...	2°039	-3°574	-5	...	...	...	26°95I	+53°004	-5	...	...	...	53°166	+37°279	I°00	...	...
...	2°11I	+20°963	0°85	...	...	...	28°695	-36°166	-3	...	...	...	53°222	-48°436	I°00	e	...
S *	2°492	-26°067	2°65	5I.II762	8·6	...	28°730	-6°939	I°00	...	...	...	54°325	+38°702	-I	...	...
...	+2°697	+7°114	-5	...	...	...	+28°740	+43°434	I°00	...	...	S †	+54°775	+49°203	3°00	50.II650	8·I
...	2°942	-5°995	0°75	...	...	...	28°763	-22°012	-2	...	...	...	55°026	-4I°307	-4	...	...
...	4°2II	-50°342	I°00	...	...	...	29°047	-18°200	-5	...	...	...	55°043	+0°63I	-I	...	...
...	5°030	+59°938	-4	...	...	...	29°278	+18°389	0°95	...	...	...	55°132	+4°788	I°00	...	...
...	5°346	+48°916	-2	...	...	*	29°562	-4I°430	I°30	5I.II768	9·2	...	55°298	-50°873	I°00	e	...
I6I	+5°722	+5I°284	-5	...	...	22I	+29°612	-27°629	-3	...	...	28I	+57°396	-33°055	-5	...	...
...	5°865	-12°366	0°90	...	...	...	30°429	-13°572	0°95	...	...	...	58°013	-55°604	-4	...	...
...	6°092	-43°138	0°90	...	...	...	3I°296	+47°192	0°75	...	...	...	58°474	-55°650	-3	e	...
...	6°29I	+37°940	-3	...	...	†	3I°426	-4°800	-4	...	...	...					
...	7°127	-57°233	-I	...	...	...	3I°806	-15°505	-3	...	...	...					
*	+8°088	+2I°013	I°20	50.II640	9·6	*	+3I°985	-3I°442	I°25	5I.II769	9·4	...					
...	8°230	+47°614	0°95	...	...	...	33°215	+33°31I	0°70	...	...	...					
...	8°573	-12°114	-4	...	...	...	33°852	+0°878	-3	...	...	...					
...	8°868	-48°952	-5	...	...	...	34°313	+9°767	0°85	...	...	...					
*	9°107	+30°227	I°20	50.II64I	9·6	...	34°389	-39°615	-2	...	...	...					
I7I	+9°716	-0°398	I°00	...	...	23I	+35°093	+40°600	0°65	...	...	...					
...	I0°20I	+48°529	-5	...	...	...	35°34I	-15°820	-2	...	...	...					
...	I2°66I	+32°182	0°85	...	...	...	35°729	+30°406	-4	...	...	...					
...	I2°900	-12°039	-I	...	...	...	35°95I	+37°17I	-5	...	...	...					
...	I2°947	+34°286	-5	...	...	...	36°319	-18°800	I°00	...	...	...					
...	+13°093	-55°608	0°95	...	...	...	+36°43I	-13°905	I°00	5I.II770	9·8	...					
...	I3°236	-55°79I	-2	...	...	...	36°713	-8°513	I°00	...	...	...					
...	I3°573	-15°370	I°00	5I.II763	9·8	...	36°743	-45°229	-5	...	...	...					
...	I4°277	-48°262	-2	...	...	...	36°928	-33°47I	I°00	5I.II77I	9·8	...					
...	I4°472	+26°104	I°00	...	...	...	37°219	-4°684	-2	...	...	...					

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
1-60						61-120						121-150					
I	-58'379	+ 4'713	0·85	...	...	61	-10'484	-44'847	1·00	...	...	I2I	+35'963	- 4'151	1·00	51.II793	9·4
...	58'286	+ 0'569	- 3	...	...	...	8'099	-35'767	0·90	...	...	...	36'572	+ 3'158	- 2	...	...
...	58'123	-48'530	- 1	E	...	S *	6'849	-20'374	1·20	51.II786	9·2	...	36'622	- 1'753	0·85	...	...
...	55'949	-50'873	- 3	E	...	...	6'562	+35'862	- 4	...	...	...	36'791	-44'459	1·05	51.II794	9·4
...	52'737	+21'621	- 5	...	...	...	6'557	+33'857	- 3	...	...	...	36'950	+52'997	0·90	...	...
...	-52'577	-55'516	- 5	E	...	...	- 5'443	+59'354	1·05	50.II662	9·8	...	+37'012	+43'725	- 4	...	...
...	52'569	- 0'848	0·85	...	...	...	4'649	+48'293	0·90	...	...	...	37'308	-40'429	- 4	...	...
...	51'553	+25'760	0·80	...	...	...	2'456	- 0'190	- 4	...	...	*	37'533	+ 8'831	1·25	50.II670	9·0
...	51'301	+12'818	0·80	50.II651	9·8	†	2'355	-34'712	- 5	...	...	...	37'993	+58'054	- 3	...	...
...	51'108	+35'239	- 4	...	...	71	2'212	-47'492	0·90	51.II787	9·8	...	38'697	-29'518	0·80	...	...
II	-50'764	-35'389	0·75	...	...	...	- 2'051	-13'317	0·70	...	...	I3I	+39'305	+ 1'574	0·70	...	...
†	49'550	+59'896	- 4	...	...	S *	- 1'083	+47'837	1·35	50.II663	8·8	†	40'029	+ 6'020	1·00	51.II795	9·4
*	49'509	-51'365	1·05	51.II776	9·4	...	+ 1'438	+23'751	- 5	...	...	...	40'609	-28'588	0·70	...	...
...	49'347	-12'182	0·90	51.II777	9·8	...	1'540	+ 4'420	- 4	...	...	...	40'990	- 5'935	- 4	...	...
...	46'646	+22'445	0·80	...	...	...	1'800	+51'321	- 5	...	...	...	41'133	- 8'104	- 2	...	...
...	-45'661	+28'622	0·90	50.II652	9·8	S *	+ 1'909	+13'911	1·15	50.II664	9·1	...	+41'274	+ 1'664	- 5	...	...
*	45'340	+24'540	1·00	50.II653	9·4	...	3'704	-42'720	- 2	...	...	...	42'325	-33'502	1·00	51.II796	9·8
...	44'949	+ 8'244	- 5	...	...	...	4'296	+15'500	0·75	...	...	*	43'160	+23'693	1·00	50.II672	9·4
...	44'447	-50'311	- 5	...	...	...	4'548	+55'677	- 3	...	...	*	43'937	+22'181	1·25	50.II673	9·1
...	44'004	+51'520	- 3	...	...	81	6'613	-13'029	- 4	...	...	*	47'887	+24'904	1·40	50.II674	8·8
2I	-43'477	-43'006	- 3	...	...	...	+ 7'204	-32'334	0·85	...	...	I4I	+48'222	+11'656	0·70	...	...
...	43'190	- 3'400	- 5	...	...	...	7'218	+17'660	0·85	50.II665	9·8	*	48'609	+47'269	1·20	50.II675	9·3
...	42'997	-18'421	- 3	...	...	...	7'907	+31'953	- 2	...	...	...	49'048	+35'577	0·90	50.II676	9·8
†	42'981	- 9'774	- 2	...	...	...	8'031	+49'076	0·85	...	...	...	49'424	+29'078	0·70	...	...
...	42'226	-10'595	0·85	51.II778	9·8	...	10'158	+55'392	0·85	...	...	*	50'065	+16'192	1·05	50.II677	9·5
...	-41'936	-52'238	- 5	...	...	...	+12'019	+ 7'475	- 1	...	...	...	+51'869	+15'361	1·00	50.II678	9·8
...	41'348	+38'761	0·95	50.II654	9·8	...	12'345	+14'523	0·70	...	...	S †	51'873	+10'077	2·90	50.II679	8·1
...	41'273	+10'919	0·70	...	...	†	14'952	+ 7'110	- 5	...	...	...	56'487	+15'571	- 4	...	...
...	41'239	-44'535	0·70	...	...	...	15'118	-37'819	0·70	...	...	...	57'775	+40'387	1·00	50.II680	9·6
...	40'520	-42'451	0·95	...	...	91	15'536	-11'774	0·80	51.II788	9·8	...	58'364	-21'839	0·80	e	...
3I	-40'381	+41'089	1·00	50.II655	9·8	...	+16'862	+46'549	0·75	...	...	...					
...	40'209	+34'963	0·90	...	...	...	17'106	+17'052	- 4	...	...	...					
...	40'098	+38'595	- 5	...	...	†	20'564	+15'069	- 5	...	...	...					
S *	39'685	-11'069	1·00	51.II779	9·4	...	20'831	+29'818	1·00	50.II666	9·6	...					
S *	39'236	+24'077	2·60	50.II656	7·6	...	21'634	-34'086	0·80	51.II789	9·8	...					
...	-37'624	+49'454	1·00	50.II658	9·8	...	+21'865	-41'419	- 5	...	...	...					
...	35'822	-57'653	- 5	...	...	...	22'144	+35'633	- 5	...	...	...					
...	34'246	-20'474	0·70	...	...	...	22'249	-29'102	0·85	...	...	...					
...	34'166	-37'251	- 4	...	...	...	22'400	-53'591	1·00	52.II998	9·8	...					
...	33'926	-35'036	0·90	...	...	...	23'983	+51'837	0·95	50.II667	9·8	...					
4I	-33'063	+12'994	0·90	50.II659	9·8	IOI	+24'058	-46'161	- 5	...	...	...					
...	32'484	- 6'680	1·00	51.II780	9·2	†	24'202	+10'151	0·90	50.II668	9·8	...					
*	32'338	+37'333	1·00	50.II660	9·3	...	24'430	+ 2'941	0·75	...	...	...					
...	32'136	-49'156	- 5	...	...	S *	26'559	-22'773	1·10	51.II790	9·0	...					
...	31'966	-22'904	- 5	...	...	...	27'217	-36'545	0·80	...	...	...					
...	-29'564	-21'807	- 3	...	...	...	+28'077	-16'045	0·65	...	...	...					
...	29'276	- 8'558	- 3	...	...	...	28'319	-18'659	0·70	...	...	...					
...	27'011	-48'235	- 2	...	...	...	28'473	-14'146	0·75	...	...	...					
...	26'493	-16'527	- 3	...	...	...	29'108	-50'588	1·00	...	...	...					
...	26'232	+18'477	- 2	...	...	†	29'988	- 8'741	- 4	...	...	...					
5I	-24'585	- 8'330	1·00	51.II781	9·8	III	+30'574	+56'981	1·35	50.II669	8·9	S *					
...	22'373	-45'020	0·70	...	...	...	30'694	+17'021	- 3	...	...	...					
†	21'672	+50'047	0·70	...	...	...	33'398	-23'989	1·00	51.II791	9·8	...					
...	19'554	-41'161	- 1	...	...	...	33'405	-50'478	- 2	...	...	...					
...	18'825	-21'749	1·00	51.II782	9·8	...	33'424	+ 3'903	- 2	...	...	...					
...	-16'590	-19'259	- 2	...	...	S *	+33'530	-48'243	2·00	51.II792	7·8	...					
...	16'368	-48'480	1·00	51.II783	9·6	...	33'785	-20'569	0·70	...	...	...					
S	15'894	-50'399	1·00	51.II784	9·6	...	34'235	- 2'233	- 2	...	...	...					
...	13'899	- 8'421	0·85	51.II785	9·8	†	34'935	+48'719	0·65	...	...	...					
...	11'038	-53'469	- 4	...	...	†	35'015	-30'834	0·70	...	...	...					

L measured from I, 73.
C " " 46, 110.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
1-60						61-120						121-180					
I	...	...	...	...	...	6I	...	...	...	...	...	I2I	...	...	...	...	...
...	-57.467	+15.550	-3	...	...	...	-16.573	+31.717	-2	...	...	...	+22.160	-57.462	0.90	52.12026	10.4
S *	57.185	+40.399	1.00	50.II680	9.6	S *	16.162	-17.050	2.00	51.II806	8.6	...	22.257	-53.553	-1	...	...
...	54.175	+35.212	2.10	50.II682	8.4	*	14.609	-29.408	1.00	51.II807	9.8	...	23.931	-15.622	0.95	51.II817	10.4
...	54.073	-21.746	0.80	E	...	...	13.561	+55.701	0.70	...	...	...	24.398	+47.639	-3	...	...
...	53.978	+28.336	0.95	...	...	...	12.182	+35.788	1.00	50.II690	9.6	...	24.431	+55.999	0.80	...	...
...	-53.948	+35.592	1.00	50.II683	9.5	...	-11.237	+15.918	-2	...	...	...	+24.648	+1.080	0.70	...	...
...	53.603	+31.343	-3	...	...	...	10.123	-29.005	0.90	...	...	*	26.885	+19.960	1.00	50.II697	9.8
...	53.137	+7.300	-5	...	...	*	9.870	+20.076	1.05	50.II691	9.6	...	28.044	-49.536	-5	...	...
*	51.376	-11.178	1.00	51.II797	9.6	...	8.928	-42.276	-3	...	...	...	28.060	-17.373	0.70	...	...
...	50.605	-14.650	-3	...	...	...	8.425	+52.904	-4	...	...	...	28.343	-1.470	-5	p	...
II	...	...	...	...	...	7I	...	...	...	...	...	I3I	...	...	...	...	...
...	-49.781	-12.222	-5	...	...	...	-8.249	-9.765	0.80	...	...	...	+28.526	-40.507	-2	...	...
...	49.301	+23.081	0.70	...	...	...	7.665	-54.447	0.80	...	...	...	29.459	+16.618	-5	...	...
...	48.579	+5.423	0.80	...	...	...	6.873	-3.762	0.95	...	...	S *	29.552	+24.978	1.85	50.II698	8.6
...	48.517	+33.345	-2	...	...	...	6.731	-36.163	-3	...	...	...	29.711	-32.539	0.80	...	...
...	47.290	-26.718	-3	...	...	...	5.867	+36.999	-3	...	...	...	30.508	-3.660	0.95	...	...
...	-47.283	+35.249	1.00	50.II684	9.8	...	-5.778	+40.199	0.70	...	...	*	+31.193	+3.680	1.05	51.II818	10.2
...	47.189	+13.553	0.90	...	...	*	4.729	-16.315	1.10	51.II808	10.0	S *	31.429	-39.585	1.30	51.II819	9.2
...	46.573	-7.377	-3	...	...	S *	4.384	+3.136	2.10	51.II809	8.2	...	31.633	-31.167	0.90	...	...
...	45.727	+32.652	-2	...	...	*	2.837	-57.786	-4	...	...	...	31.838	+7.889	-4	...	...
...	45.181	-30.676	-5	...	...	*	0.255	+36.852	1.50	50.II692	8.8	...	32.184	-3.482	-2	...	...
2I	...	...	...	...	...	8I	...	...	...	...	...	I4I	...	...	...	...	...
...	-44.133	+54.235	-5	...	...	...	-0.229	+35.680	0.75	...	...	...	+32.751	-1.592	-3	...	...
...	44.112	-31.471	0.85	...	...	...	0.215	-2.928	-4	...	...	†	34.866	+5.581	-2	...	...
...	43.107	+14.413	0.70	...	...	...	-0.187	-15.285	0.80	...	...	*	36.574	-53.178	2.00	52.12027	8.2
*	42.430	+11.108	1.10	50.II685	9.6	am†	+0.050	+0.638	0.90	51.II810	10.4	...	37.209	-37.849	-3	...	...
...	42.267	-53.067	0.70	...	...	†	0.243	+59.740	-2	...	...	...	37.575	+6.901	0.90	...	...
...	-41.670	+7.022	0.90	51.II798	9.8	...	+1.280	-56.179	-5	...	...	...	+37.861	-22.544	-3	...	...
...	40.312	-46.261	0.95	51.II799	9.8	...	1.390	+48.524	0.80	...	...	...	39.629	-21.284	-5	...	...
...	39.634	-39.799	0.95	51.II800	9.8	...	2.450	-57.778	-5	...	...	...	39.643	+9.707	-2	...	...
...	39.369	-44.149	0.75	...	...	...	3.542	-3.692	-5	...	...	...	40.444	-3.173	0.90	...	...
S *	37.918	+7.732	1.30	50.II686	9.1	...	3.633	-6.713	-5	...	...	...	41.026	+34.165	0.95	50.II699	10.4
3I	...	...	...	...	...	9I	...	...	...	...	...	I5I	...	...	...	...	...
*	-36.873	-36.855	1.90	51.II801	8.6	†	+4.846	-40.252	0.90	...	...	...	+41.210	-25.933	-2	...	...
...	35.916	-1.185	0.85	...	...	†	4.952	-55.737	-5	...	...	...	41.716	-21.571	0.95	51.II820	10.4
*	35.799	-18.174	1.90	51.II802	8.8	...	7.368	-59.150	0.90	...	...	...	42.767	+49.250	-2	...	...
...	35.528	-19.267	-3	...	...	...	7.969	+42.083	0.95	...	...	*	43.889	+53.968	1.40	50.II701	9.4
...	35.117	-48.168	0.95	51.II803	9.8	...	8.071	-52.030	0.90	...	...	...	44.070	+58.278	-2	...	...
...	-34.294	+13.210	-2	...	...	...	+8.280	+50.205	-5	...	...	...	+44.144	-55.023	0.80	...	...
...	34.244	+10.768	-4	...	...	...	8.477	-2.154	1.00	51.II811	10.4	...	45.541	-22.320	0.75	...	...
...	33.177	+46.268	-5	M	...	...	8.943	+38.387	-4	...	...	...	45.981	+31.810	-5	...	...
...	33.136	-54.261	-5	...	...	...	9.183	+58.946	-3	...	...	...	46.023	+24.114	-5	...	...
...	32.038	+5.276	-4	...	...	S *	9.202	-54.210	2.80	52.12022	7.8	...	46.679	-25.298	0.70	...	...
4I	...	...	...	...	...	10I	...	...	...	...	...	I6I	...	...	...	...	...
...	-29.769	+56.521	-2	...	...	...	+10.502	+36.003	0.70	...	...	...	+47.322	-57.023	-4	...	...
...	29.063	-33.743	-2	...	...	...	11.331	-45.492	0.90	51.II812	10.4	...	48.481	-58.686	-4	...	...
*	28.934	-38.401	1.10	51.II804	9.4	...	11.730	+2.890	0.70	...	...	...	49.134	+59.178	-5	...	...
...	28.777	-46.154	0.70	...	...	*	12.356	-44.107	1.00	51.II813	9.6	S *	49.210	-23.514	1.10	51.II821	9.6
*	28.396	+45.906	1.00	50.II688	9.6	...	12.841	+40.650	-4	...	...	...	49.262	+41.468	0.80	...	...
...	-27.569	-32.576	0.80	...	...	...	+12.894	+9.543	-3	...	...	...	+49.314	+59.039	0.80	...	...
...	27.455	+37.360	-4	M	...	...	13.065	+43.334	-4	...	...	...	50.006	-10.162	-4	...	...
S *	27.093	-36.423	2.80	51.II805	8.0	...	13.111	+17.356	0.75	...	...	...	50.053	+0.261	0.70	...	...
...	26.504	+38.163	-4	...	...	*	14.430	-33.880	1.00	51.II814	9.8	...	50.472	-33.674	-4	...	...
...	25.427	-6.413	0.70	...	...	S *	14.803	+39.956	1.15	50.II693	8.7	...	50.665	-7.547	0.70	...	...
5I	...	...	...	...	...	III	...	...	...	...	...	I7I	...	...	...	...	...
...	-24.794	-40.601	0.75	...	...	...	+16.313	+16.773	-4	...	...	...	+51.212	+39.647	1.00	...	...
...	24.152	-8.392	-2	...	...	...	16.501	-5.338	-3	...	...	...	51.260	-1.138	0.70	...	...
...	22.244	+42.086	-5	M	...	a	16.681	+0.103	1.00	51.II815	10.4	...	51.640	+33.741	-3	...	...
...	22.194	-42.435	-3	...	...	*	16.963	-33.142	1.00	51.II816	10.2	...	51.759	-23.292	0.70	...	...
*	22.025	-58.486	1.15	52.12012	9.6	...	17.755	-57.397	1.00	...	...	e *	52.109	-38.225	1.20	51.II822	10.0
...	-21.472	+47.045	-2	...	...	*	+17.816	+55.600	1.25	50.II694	9.2	...	+52.175	+54.870	-4	...	...
...	20.973	-55.518	-4	...	...	...	17.990	+17.722	1.80	50.II695	8.7	...	52.313	+24.372	0.95	50.II704	10.4
...	20.339	-43.640	0.90	...	...	...	19.657	-57.741	0.85	...	...	...	52.938	+42.455	0.70	...	...
S *	17.495	+54.468	1.40	50.II689	8.9	...	21.468	54.067	0.80	...	...	S *	53.121	+36.864	2.80	50.II705	7.8
...	16.706	+31.035	-2	...	...	...	22.033	-59.404	0.90	52.12025	10.4	...	53.566	-37.529	-2	e	...

L measured from 1, 92.

C " " 41, 135.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α .	γ .		No.	Mag.		α .	γ .		No.	Mag.		α .	γ .		No.	Mag.
181-190						191-192											
181						191											
...	+53'693	-30'226	-4	$^{\circ}$ e	...	*	+58'096	+17'690	1'00	50.11706	10'4						
†	53'826	-14'984	0'70	e	...	e	58'175	-25'379	1'05	51.11823	10'0						
...	53'829	-41'776	-3	e	...												
...	53'843	-38'144	-1	e	...												
...	54'608	+0'069	-2	...	...												
...	+55'667	+23'187	-3	...	...												
...	56'004	+6'108	0'90	...	...												
...	56'111	-10'574	0'70	e	...												
...	56'568	+14'495	0'90	...	...												
...	57'588	-11'517	0'70	e	...												

181-190						191-192											
181						191											
...	+53·693	-30·226	-4	$^{\circ}$ e	...	*	+58·096	+17·690	1·00	50·11706	10·4						
†	53·826	-14·984	0·70	e	...	e	58·175	-25·379	1·05	51·11823	10·0						
...	53·829	-41·776	-3	e	...												
...	53·843	-38·144	-1	e	...												
...	54·608	+0·069	-2	...	...												
...	+55·667	+23·187	-3	...	...												
...	56·004	+6·108	0·90	...	...												
...	56·111	-10·574	0·70	e	...												
...	56·568	+14·495	0·90	...	...												
...	57·588	-11·517	0·70	e	...												

1-40						41-80						81-120					
I						4I						8I					
E *	-59.655	-38.385	I.15	5I.II822	10.0	*	-40.246	-43.792	I.00	5I.II829	10.2	...	-21.510	+3.535	-5	° M	...
†	58.890	-15.083	0.80	E	...	...	38.537	-33.049	-5	...	...	...	21.423	-17.165	-4	...	...
...	58.719	-0.002	-3	F	...	...	38.386	+49.954	-3	...	...	...	20.543	-33.526	-2	...	...
...	58.611	-13.253	-5	...	...	...	38.033	+29.159	-5	M	...	...	20.176	+29.463	-4	...	...
...	58.593	+23.132	-3	...	...	...	37.298	-23.817	0.95	5I.II830	10.4	*	17.657	-59.528	I.40	52.I2039	9.4
...	-58.403	-30.317	-5	E	...	...	-37.253	+31.066	0.80	...	...	S *	-17.624	-19.226	2.20	51.II835	8.4
...	58.230	-37.625	-3	E	...	*	36.846	+7.239	I.00	5I.II831	9.8	...	17.285	+14.763	0.85	...	...
...	57.923	-38.229	-3	E	...	...	36.752	-28.353	0.85	...	...	...	16.249	-19.787	0.70	...	...
...	57.800	-41.851	-4	E	...	*	36.264	+8.664	2.00	50.II709	8.7	...	15.856	-56.771	-4	...	...
...	57.551	+6.090	0.90	...	...	*	35.700	+33.486	I.30	50.II710	9.4	...	13.019	+21.285	0.70	...	...
II						5I						9I					
...	-57.349	+14.492	0.85	...	...	...	-34.813	-42.239	0.70	...	...	...	-12.744	+56.715	-5	M	...
...	56.784	-10.586	0.70	E	...	...	34.384	+29.555	0.80	...	...	...	12.727	+24.576	-3	...	...
...	55.946	+17.748	I.00	50.II706	10.4	†	33.619	+14.850	0.70	...	...	...	12.333	-45.796	0.80	...	...
†	55.692	-30.029	-5	p	...	...	33.559	+4.000	-5	M	...	...	11.623	-32.140	-2	...	...
...	55.266	-11.463	0.70	E	...	...	33.418	+15.740	0.70	...	...	...	10.846	-58.945	-3	...	...
...	-54.592	+54.618	-5	...	...	...	-33.366	-1.508	0.80	...	...	...	-10.405	+58.093	-5	...	...
E	54.113	-25.286	I.05	5I.II823	10.0	...	33.325	-15.752	0.75	...	...	...	9.644	-36.272	0.70	...	...
...	53.920	+50.653	-1	...	...	*	33.253	+13.864	I.50	50.II711	9.0	...	9.148	+54.352	-4	...	...
...	52.750	+43.395	-5	...	...	...	32.462	+12.478	-5	...	...	*	8.486	+29.548	2.10	50.II714	8.5
...	51.933	-27.076	I.00	5I.II824	10.4	...	32.263	+22.683	-5	...	...	...	8.397	-20.621	-4	...	...
2I						6I						10I					
...	-51.373	+49.281	-4	...	...	...	-32.198	+51.363	-4	...	...	...	-8.386	+36.607	0.75	...	...
...	51.287	+17.540	-5	...	...	...	31.952	+31.898	-4	...	...	...	8.224	+41.602	0.80	...	...
...	50.480	-46.601	-3	...	...	...	31.225	-16.307	I.00	5I.II832	10.4	...	7.424	+11.089	-3	M	...
...	49.596	+38.478	I.00	...	...	...	30.968	-22.606	-3	...	...	...	7.272	+7.712	0.80	...	...
...	49.512	+5.578	0.70	...	...	...	30.491	+46.285	0.80	...	...	...	6.847	-15.135	-4	...	...
...	-48.494	-51.241	0.80	...	...	*	-30.350	+57.052	I.00	50.II712	10.0	*	-6.633	+19.621	I.80	50.II715	8.7
S †	48.344	+5.008	2.40	5I.II825	7.8	...	30.342	-18.035	0.85	...	...	*	6.513	+27.157	I.80	50.II716	8.4
...	47.481	-39.336	0.80	...	...	...	29.346	+10.319	0.85	...	...	...	5.886	-58.105	-5	...	...
*	45.561	-34.879	I.05	5I.II826	I.00	...	28.857	-19.102	0.85	...	...	*	5.822	-6.262	2.00	5I.II836	8.6
...	45.354	+48.826	-2	...	...	...	27.062	+26.194	0.95	...	...	...	5.616	+45.939	-1	...	...
3I						7I						III					
...	-44.600	-8.247	0.70	...	...	...	-26.799	-57.346	-1	...	...	...	-4.671	-1.438	-5	...	...
S *	44.251	-27.396	3.05	5I.II827	7.4	*	25.717	-30.231	I.60	5I.II833	8.8	...	4.353	+53.666	-5	M	...
...	43.539	-31.210	-5	p	...	...	24.824	+45.658	-2	...	...	*	3.602	-15.623	I.10	5I.II837	9.8
...	42.523	-6.234	0.80	...	...	...	24.022	+41.167	0.80	...	...	*	3.303	+4.578	I.10	5I.II838	9.6
...	42.315	-44.437	0.85	...	...	S *	23.739	-54.126	I.90	52.I2036	8.5	...	3.293	+41.214	0.75	...	...
*	-42.276	-21.421	I.15	5I.II828	9.6	...	-22.227	-22.524	I.00	5I.II834	10.4	...	-2.633	-49.280	0.85	...	...
...	42.054	+56.363	-5	...	...	S *	21.893	+41.664	I.45	50.II713	8.7	*	1.247	+2.807	I.30	5I.II839	9.4
...	41.809	-9.673	0.90	...	...	...	21.699	+39.652	0.70	...	...	...	0.895	-38.758	-4	...	...
...	41.742	-39.651	0.90	...	...	...	21.644	+19.546	-3	...	...	*	-0.631	-7.185	I.10	5I.II840	10.0
...	41.507	-23.288	0.75	...	...	...	21.511	-37.629	-5	...	...	...	+1.499	-38.810	0.85	...	...

L measured from 1, 120.

C " " 68, 173.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.					
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.				
121-160						161-200						201-227									
I2I	+	1'894	-31'969	0.90	51.II841	I0.4	I6I	+	23'671	-38'791	I.00	51.II845	I0.0	20I	+	41'313	-1'836	-2	...	...	
...	...	2'632	+26'904	-5	...	...	...	...	23'861	+1'656	0.95	...	...	...	...	41'453	+28'346	-3	...	...	
...	...	2'635	+50'835	-4	...	...	...	...	23'929	+27'497	0.85	...	...	...	...	41'522	-27'729	-5	...	...	
...	...	3'059	-15'452	-5	...	...	...	...	24'085	-13'682	-4	...	...	...	...	41'654	+34'486	-5	m	...	
...	...	3'492	-38'945	-4	...	...	...	...	25'539	+27'502	-4	...	...	...	*	42'152	-8'716	I.00	51.II849	I0.0	
...	+	3'800	+37'296	-3	...	...	*	+	25'688	+12'770	I.05	50.II725	9.6	...	+	42'181	+44'513	-5	m	...	
...	...	3'980	+0'371	-5	m	...	...	...	25'700	-28'139	0.80	...	...	...	...	42'898	-37'468	-4	...	...	
...	...	4'237	+10'148	0.90	50.II717	I0.4	...	...	26'143	+36'002	0.70	...	...	...	...	44'573	-24'733	-2	...	...	
...	...	4'780	-36'402	0.90	51.II842	I0.4	...	...	26'472	+9'059	-4	m	...	*	45'636	-59'198	2.00	52.I2056	8.4		
...	†	9'023	+24'793	0.70	...	...	*	...	27'174	+27'775	I.40	50.II726	8.8	...	...	45'751	-13'213	I.00	51.II850	I0.7	
I3I	+	9'387	+13'115	-5	...	...	I7I	+	28'799	-37'138	0.70	...	...	21I	+	45'784	-27'842	0.70	...	...	
...	†	9'874	+17'101	-2	...	...	...	...	29'214	-46'550	0.80	...	...	...	...	45'973	+35'289	0.80	...	...	
...	...	10'638	+30'175	-4	m	...	...	...	30'272	+51'989	I.05	50.II727	9.8	...	...	46'154	+21'658	-2	...	...	
...	...	10'830	+18'233	-3	...	...	*	...	30'818	+56'505	I.20	50.II728	9.6	...	...	48'385	+22'793	I.00	50.II735	I0.4	
...	...	11'295	-33'106	-5	...	...	...	...	31'171	+6'241	-2	...	...	...	...	48'974	-17'337	-5	p	...	
...	+	11'530	+58'842	0.70	...	...	S *	+	31'662	-12'268	2.00	51.II846	8.4	...	+	49'924	+59'361	0.95	50.II736	I0.4	
...	...	11'934	+14'559	0.90	...	...	...	...	31'723	+21'873	0.70	...	...	*	...	51'122	-36'261	I.20	51.II851	9.8	
...	*	12'399	+57'125	I.20	50.II714	9.6	...	...	32'226	+53'505	0.90	50.II729	I0.4	...	...	51'952	+57'819	0.65	...	...	
...	*	12'919	+46'446	I.15	50.II719	9.4	...	...	32'242	+45'442	-1	...	...	...	...	52'209	-20'489	-4	...	...	
...	...	12'968	+31'109	-5	m	...	...	...	32'495	-45'208	-3	...	...	...	...	52'963	+13'991	-5	m	...	
I4I	+	13'001	-13'592	0.80	...	...	I8I	+	32'670	+30'392	I.00	50.II730	I0.4	22I	e	+	53'225	-58'045	0.90	52.I2059	I0.4
...	...	13'656	-5'694	I.00	51.II843	I0.4	...	...	33'924	-31'232	I.00	51.II847	I0.4	...	...	53'558	+28'146	-3	...	...	
...	...	13'814	-57'584	0.90	...	...	...	...	34'017	+33'155	-2	...	...	†	...	54'048	+4'988	0.90	51.II852	I0.4	
...	...	13'885	-38'106	0.95	51.II844	I0.4	...	...	34'187	+18'652	0.70	...	...	...	...	56'938	+45'951	-3	...	...	
...	...	13'940	+19'131	I.00	50.II720	I0.4	...	...	34'622	-1'636	-2	...	...	...	...	57'139	+20'088	-4	...	...	
...	†	14'151	-0'041	-5	...	...	...	...	35'483	-10'580	-4	...	...	e	+	57'456	-13'362	I.00	51.II853	I0.0	
...	...	15'077	-1'048	-5	...	...	S *	...	35'727	+29'283	I.30	50.II732	9.2	†	...	59'739	+6'630	0.95	...	...	
...	S †	15'916	+24'864	2.80	50.II721	7.8	...	...	35'906	+15'621	0.70	...	...	...	...	...	...	...	...	...	
...	*	16'809	+38'810	I.10	50.II722	9.6	...	...	35'986	+46'805	I.05	50.II731	I0.0	...	...	...	...	...	...	...	
...	...	17'360	+3'655	-5	...	...	...	...	36'736	+2'444	0.90	...	...	...	...	...	...	...	...	...	
I5I	+	17'650	-59'291	0.85	...	...	I9I	+	37'506	+12'663	-4	...	...	...	...	...	...	...	...	...	
...	...	17'701	+5'964	-5	m	...	...	...	38'409	-32'645	0.70	...	...	...	...	...	...	...	...	...	
...	...	18'426	-19'218	-5	...	...	...	...	38'950	+7'061	-4	m	...	...	...	...	...	...	...	...	
...	...	18'875	+48'700	0.85	...	...	S *	...	38'952	+52'690	3.00	50.II733	7.8	...	...	...	...	...	...	...	
...	...	18'951	+58'404	I.00	50.II723	I0.4	*	...	39'014	+23'908	I.05	50.II734	I0.2	...	...	...	...	...	...	...	
...	...	+20'507	+41'584	0.70	...	...	...	...	+39'955	-21'972	-2	...	...	...	...	...	...	...	...	...	
...	...	20'532	-41'945	0.80	...	...	...	...	40'075	+24'550	0.85	...	...	...	...	...	...	...	...	...	
...	...	22'536	+7'252	-5	m	...	S *	...	40'562	-46'159	I.30	51.II848	9.0	...	...	...	...	...	...	...	
...	...	22'855	+19'356	I.00	50.II724	9.8	...	...	40'722	-41'297	-3	...	...	...	...	...	...	...	...	...	
...	...	22'941	+29'127	-5	...	...	...	...	40'931	+1'210	-2	...	...	...	...	...	...	...	...	...	

1-10						11-20						21-30					
I +	-59'463	+ 4'864	I·00	51.11852	10·4	II	-50'412	- 4'814	0·90	...	2I	-47'011	-52'476	I·90	51.11856	8·4	
...	58'249	+45'899	- 2	...	...	...	50'268	+ 4'558	0·70	...	S *	46'380	+14'337	0·90	...	...	
E	57'708	-58'095	I·00	52.12059	10·4	...	50'177	-13'151	0·95	51.11855	...	...	46'350	-44'807	- 5	...	
E *	55'313	-13'313	I·00	51.11853	10·0	...	50'034	- 7'227	- 5	...	*	...	46'296	-16'513	0·95	...	
...	53'852	+ 6'744	I·00	...	...	...	49'069	-29'559	0·80	...	...	...	46'292	-48'731	I·00	...	
...	-52'146	+41'926	0·95	...	...	...	-48'746	-13'437	0·70	...	...	...	-45'687	-41'743	- 5	...	
...	52'106	-29'062	0·80	...	...	...	48'417	-39'488	0·65	...	...	...	45'015	-38'953	- 5	...	
S *	51'348	+ 1'340	I·00	51.11854	9·8	*	48'337	+34'505	I·20	50.11737	...	...	43'324	+44'452	0·95	...	
...	51'052	-32'814	0·80	...	...	...	47'744	+21'147	0·70	...	*	...	42'703	+47'128	I·10	50.11738	
...	51'016	+14'561	0·70	...	...	...	47'690	+10'002	0·75	...	...	...	42'016	-30'139	0·70	...	

L measured from 1, 106.

C " " 56, 162.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	α.	γ.		o'65.	No.		Mag.	α.		γ.	o'65.		No.	Mag.		α.	γ.
31-80						91-150						151-208					
3I	-40°697	-50°108	-5	...	...	9I	-8°924	-14°638	-2	...	...	15I	+21°714	-49°023	1°00	51.II875	10·2
...	40°152	-51°972	-5	...	...	...	8°440	-55°929	1°00	...	...	...	21°784	+27°163	-3	...	...
...	39°465	+31°111	0·80	...	...	...	8°115	+6°174	0·95	51.II865	10·4	...	21°784	+21°124	0·75	...	...
...	39°030	-32°795	0·90	...	...	...	7°858	+17°984	-3	M	...	...	21°889	+22°358	0·65	...	...
...	39°009	-41°416	1°00	51.II857	10·4	...	7°118	-12°169	1°00	51.II866	10·2	...	24°719	+2°816	-2	...	...
...	-37°765	+57°640	-4	...	...	...	-6°493	+8°643	-2	...	...	*	+26°539	-46°457	1°15	51.II876	10·0
...	36°653	-59°304	1°05	52.I2062	10·4	...	5°585	+33°524	-5	M	...	...	27°696	+59°054	-4	...	...
*	36°464	-32°058	1°00	51.II858	10·4	...	5°555	+33°094	-3	...	...	S *	28°177	-21°309	1°25	51.II877	9·2
...	36°207	+32°287	-3	...	...	†	4°872	+17°792	1°20	50.II749	9·4	...	28°378	-39°410	0·85	...	...
*	36°183	+33°708	1°15	50.II739	9·6	†	3°943	+26°764	-4	M	...	...	28°908	-28°742	-5	...	...
4I	-35°408	-45°335	0·70	...	...	10I	-2°952	+3°545	1°00	51.II867	10·4	16I	+29°804	+4°522	1°00	51.II878	10·2
...	35°377	-37°918	-5	...	...	*	2°152	+7°304	1°25	51.II868	9·6	...	30°209	+53°085	-3	...	...
...	34°690	+33°705	-5	M	...	...	1°236	+27°887	-5	Mm	...	...	30°290	+20°710	-2	...	...
...	34°495	-26°223	0·65	...	...	...	1°185	+52°866	0·70	...	...	...	30°886	+3°443	0·70	...	...
...	34°084	-32°228	-4	...	...	...	-0°473	-1°228	-5	...	...	*	31°936	-8°310	1°00	51.II879	10·4
...	-34°057	+45°415	1°00	50.II740	10·0	*	+0°776	-53°871	1°00	52.I2072	10·2	...	+32°169	-20°452	0·70	...	...
...	34°042	+3°818	0·70	...	...	...	0°904	+7°006	-3	M	...	*	32°576	-21°617	1°00	...	...
...	33°973	-36°368	0·90	51.II859	10·4	...	0°937	+20°146	-4	M	...	...	33°083	-3°424	-2	...	...
...	33°230	+1°455	-5	M	...	...	1°182	-13°209	0·85	...	...	...	34°503	-46°492	-4	...	...
*	33°173	+55°858	1°30	50.II741	10·0	...	1°464	-1°620	-3	...	...	...	35°206	-10°360	-2	...	...
5I	-32°946	-52°722	-5	...	...	III	+1°555	-35°567	-3	...	...	17I	+36°651	+16°751	1°00	50.II755	10·4
...	32°917	-14°841	0·90	...	...	*	1°599	+6°827	1°00	51.II869	10·4	...	37°274	+23°832	-1	...	...
...	32°426	+40°494	0·75	...	...	...	1°678	-20°150	0·75	...	...	...	37°326	-1°813	-4	...	...
S *	30°455	+41°437	1°20	50.II743	9·4	...	1°804	+54°068	-1	...	...	†	37°510	-25°023	0·70	...	...
*	30°245	+26°225	1°20	50.II742	9·4	...	2°321	-50°257	-1	...	...	...	38°650	-19°195	-4	...	...
...	-28°246	-43°827	1°40	51.II860	9·2	...	+2°917	-39°572	0·65	...	...	...	+39°583	-30°618	1°00	50.II756	10·4
...	28°002	+4°187	-5	M	...	...	4°236	+50°432	-5	m	...	...	39°633	-3°903	-2	...	...
...	27°883	-36°446	-3	...	...	†	4°767	-50°516	7°00	51.II870	3·3	*	39°742	-0°309	1°15	51.II880	10·0
...	27°294	-49°496	-5	...	...	...	4°834	-48°636	-5	...	...	...	40°051	-6°504	0·85	...	...
*	27°116	-50°625	1°00	51.II861	10·2	...	5°988	-32°357	0·90	...	...	...	41°081	+12°067	-5	...	...
6I	-25°019	-31°982	-4	...	...	12I	+6°417	-50°076	1°00	51.II871	9·8	18I	+42°078	+1°659	0·70	...	...
S †	24°949	-29°728	1°00	51.II862	9·8	...	8°279	+53°625	0·70	...	...	...	42°349	+18°495	-3	...	...
...	24°787	+36°797	0·90	50.II744	10·4	...	8°629	+27°586	0·80	...	...	...	42°602	-57°861	-5	...	...
...	23°854	-13°143	-5	...	...	S *	8°768	+10°635	1°20	50.II750	9·2	...	43°030	+3°245	-4	...	...
...	23°536	+54°922	-3	A	...	...	9°641	-6°732	0·70	...	...	...	46°017	+20°742	-2	...	...
...	-23°499	+11°506	-4	...	...	...	+10°315	+4°984	-3	m	...	...	+47°632	+0°031	0·70	...	...
...	23°278	-9°363	0·90	...	...	...	10°807	-3°428	0·70	...	...	...	48°129	+37°007	1°05	50.II757	10·4
...	21°821	+7°209	-1	...	...	...	11°162	-25°870	0·70	...	...	*	48°215	-54°624	1°40	52.I2084	9·6
...	19°156	-0°805	-2	...	...	...	11°320	-26°688	-3	...	...	...	48°321	+15°105	-2	...	...
...	19°130	+41°245	0·70	...	...	...	11°690	-47°478	-3	...	...	†	49°498	-54°891	0·90	52.I2086	10·4
7I	-18°977	-21°857	1°00	51.II863	10·4	13I	+11°808	+41°849	0·70	...	...	19I	+49°589	-46°566	0·90	...	...
...	17°716	-58°670	0·95	...	...	...	11°949	+15°042	0·95	50.II751	10·4	...	49°744	+42°507	-5	m	...
...	17°617	+28°102	0·70	...	...	...	11°961	+21°801	0·70	...	...	...	50°004	-9°356	-5	...	...
...	17°530	-59°186	0·80	...	...	...	12°128	-33°979	0·90	...	...	*	50°164	-5°459	1°10	51.II881	10·4
...	17°324	+39°991	0·70	...	...	...	12°483	+3°396	-4	m	...	*	50°173	+54°057	2°00	50.II758	8·7
...	-16°609	-48°220	0·95	...	...	...	+12°603	+16°164	0·70	...	...	*	+50°231	+7°915	1°00	...	...
*	16°595	+47°819	1°20	50.II745	9·8	...	14°905	+51°894	0·95	...	...	*	50°693	+7°996	1°10	50.II759	10·2
...	16°503	-53°412	-1	...	...	*	15°163	+38°250	1°00	50.II752	10·4	...	52°163	+10°549	-1	...	...
...	16°204	-33°079	0·95	...	...	*	15°596	-34°164	1°20	51.II872	9·6	...	53°229	-17°595	1°00	e	...
...	15°986	-3°286	-2	...	...	*	16°177	-20°263	1°00	51.II873	10·0	S *	53°251	+6°042	1°10	51.II882	10·0
8I	-14°724	+47°672	3·30	50.II746	7·2	14I	+17°482	+52°353	1°00	50.II753	10·4	20I	+53°476	+34°387	-4	...	...
S †	12°506	-34°587	2·60	51.II864	8·2	...	17°753	+8°285	0·75	...	...	...	53°785	+37°440	-4	...	...
...	12°461	-8°352	0·70	...	...	*	19°252	-22°452	1°30	51.II874	8·8	...	54°267	+9°465	-5	...	...
*	12°421	+46°926	1°60	50.II747	8·7	...	19°272	-10°945	0·80	...	...	...	54°728	-27°066	-3	e	...
...	12°085	+12°180	-2	...	...	...	19°411	-51°280	-5	...	...	S e *	54°977	-8°449	1°45	51.II883	8·8
...	-11°202	+59°268	-2	...	...	...	+20°423	-29°185	-2	...	...	...	+56°072	+39°993	-5	...	...
...	10°173	+3°434	0·75	...	...	...	20°635	+19°426	0·65	...	...	...	56°333	-34°870	-5	e	...
*	9°586	+17°055	1°15	50.II748	9·6	...	21°059	+1°330	-5	m	...	S *	59°092	+55°289	2·70	50.II760	8·2
...	9°447	+27°031	-3	M	...	†	21°141	-30°052	-3	...	...	...	...	...	...	...	...
...	9°124	-32°261	-2	...	...	S *	21°511	+38°308	1°20	50.II754	9·4	...	...	...	...	...	...

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-180					
I	-59.413	+9.366	-5	...	...	OI	-30.727	+50.945	0.75	...	...	I2I	+3.678	-54.574	0.85	...	...
...	59.381	+16.997	-5	...	...	...	29.563	+19.319	-5	...	...	*	4.520	+38.318	0.95	50. II766	9.8
*	59.352	-17.719	0.95	E	...	S *	29.309	+21.873	1.00	50. II763	9.8	...	4.853	+2.179	-5	m	...
SE *	58.857	+39.938	-4	...	...	...	28.128	-31.215	0.70	...	...	...	5.635	+22.902	0.85	...	...
...	57.973	-8.510	1.30	51. II883	8.8	...	26.804	+19.954	-5	M	...	...	6.664	+58.413	-3	...	...
...	-57.803	-22.487	-5	...	...	...	-26.600	+54.453	1.00	50. II764	10.4	...	+6.853	+54.028	-5	...	...
...	57.468	-27.125	-3	E	...	...	26.232	+34.028	-4	...	...	S *	7.134	+12.988	1.00	50. II767	9.6
...	57.446	-11.484	-5	...	...	...	25.619	-1.347	-3	...	...	...	7.887	-2.260	-5	...	...
...	56.903	-36.089	-5	...	...	†	25.159	+4.701	-4	...	...	...	8.847	-53.887	0.80	...	...
...	56.893	+30.959	-5	...	...	...	24.002	+41.961	-5	...	...	...	8.874	-23.739	-2	...	...
II	...	...	...	...	...	7I	...	...	...	...	...	I3I	...	...	...	...	...
S *	-56.475	+55.333	2.10	50. II760	8.2	...	-23.936	-16.996	-5	...	...	...	+10.312	+0.863	0.70	...	...
...	56.293	+45.835	-5	...	...	...	23.801	+27.444	0.80	...	...	...	10.717	-30.146	0.75	...	...
...	56.293	-14.188	-5	...	...	...	23.677	+44.564	-4	...	...	...	11.068	-33.386	-2	...	...
...	55.644	-17.136	-5	...	...	...	23.458	+8.325	-5	M	...	*	11.677	-29.215	4.00	51. II893	6.8
...	55.544	-34.854	-5	E	...	...	23.048	+35.552	-4	...	...	*	12.911	+49.208	1.00	50. II770	10.2
...	-52.587	-18.621	-3	...	...	...	-22.529	+31.208	0.70	...	...	...	+13.690	+31.169	-5	m	...
...	52.352	-9.703	0.80	...	...	...	22.262	-56.644	1.05	52. I2090	10.4	...	14.308	+42.267	-5	...	...
...	52.175	+47.706	1.00	...	...	...	22.018	-8.975	-4	...	...	†	14.575	+58.658	-4	...	...
...	51.749	+4.821	-5	...	...	...	21.931	+57.525	-4	...	...	...	15.322	+50.104	0.80	...	...
...	51.230	+34.456	-5	M	...	...	21.385	+57.276	0.90	...	...	...	16.287	-15.038	0.70	...	...
2I	...	...	...	...	...	8I	...	...	...	...	...	I4I	...	...	...	...	...
...	-49.764	-58.175	1.00	52. I2088	10.4	...	-21.295	-39.027	0.90	...	...	...	+17.497	-41.329	0.75	...	...
...	49.600	-45.875	-3	...	...	...	20.839	+48.153	-5	...	...	...	18.055	-13.134	-5	...	...
...	48.637	-22.710	1.00	...	...	*	20.582	-54.025	1.10	52. I2091	10.4	...	18.812	+33.130	-5	...	...
...	48.550	-10.644	-2	...	...	*	18.958	-58.116	1.40	52. I2092	8.9	*	19.108	-7.667	1.00	51. II894	10.4
...	48.525	+19.396	-5	M	...	...	16.718	-38.859	0.75	...	...	...	19.938	-5.395	-5	...	...
...	-47.716	+11.507	-5	M	...	...	-16.128	+28.511	-4	...	...	...	+20.337	+41.915	-2	...	...
...	47.229	-11.106	-5	...	...	...	15.936	+32.352	0.90	...	...	...	20.452	-49.041	0.95	51. II895	10.4
...	46.624	+54.993	-5	...	...	...	15.882	-39.264	0.90	51. II890	10.4	*	20.928	-38.993	0.90	51. II896	10.0
...	46.365	+2.863	0.70	...	...	...	15.301	-55.718	-3	...	...	S *	21.705	-39.046	1.45	51. II897	8.4
S *	46.038	-34.112	1.05	51. II884	9.6	S *	13.890	-20.002	1.90	51. II891	8.2	...	22.333	-49.337	0.90	51. II898	10.4
3I	...	...	...	...	...	9I	...	...	...	...	...	I5I	...	...	...	...	...
...	-45.368	-46.365	1.00	...	...	...	-13.386	+15.354	-5	M	...	...	+23.202	-28.285	-5	...	...
†	45.224	+37.910	0.90	...	...	S *	12.895	-39.787	2.15	51. II892	7.8	...	23.223	-31.411	-3	...	...
...	44.303	+24.733	-5	M	...	...	12.652	+42.205	0.90	...	...	*	24.265	+35.759	1.10	50. II771	9.4
...	44.267	-45.600	-5	...	...	...	11.672	-39.272	0.70	...	...	...	24.370	+31.784	0.70	...	...
...	44.135	+46.330	-5	...	...	...	10.226	-40.492	-5	...	...	...	24.671	+51.401	-5	...	...
*	-41.480	-42.052	1.00	51. II885	10.0	...	-9.881	+41.497	-5	...	...	...	+25.347	+52.483	-5	...	...
...	40.973	-15.970	-5	...	...	...	8.635	+4.076	0.70	...	...	S *	25.706	+46.142	2.00	50. II772	7.8
...	40.748	-42.130	-3	...	...	...	8.165	+33.547	-5	M	...	...	26.697	-30.821	-5	...	...
*	39.854	-10.714	1.00	51. II886	10.0	...	8.125	-1.679	-4	...	...	...	27.110	+8.643	-2	...	...
...	39.610	-3.547	0.70	...	...	...	8.034	-11.926	-4	...	...	*	27.624	+39.109	0.95	50. II773	10.4
4I	...	...	...	...	...	IOI	...	...	...	...	...	I6I	...	...	...	...	...
...	-38.853	+16.005	0.75	...	...	...	-7.707	-36.104	0.75	...	...	...	+28.161	-22.275	-5	p	...
...	38.792	-43.932	1.00	51. II887	10.4	...	6.771	+43.500	-3	...	...	...	28.414	+3.043	0.85	...	...
...	38.665	+28.627	-5	M	...	...	5.487	+57.631	-5	...	...	*	28.443	+57.085	1.05	50. II774	10.0
...	38.436	-33.199	-5	...	...	...	4.472	+41.680	0.70	...	...	...	28.529	-0.740	1.00	51. II899	10.4
...	38.307	-36.055	-3	...	...	...	4.460	+54.819	-3	...	...	...	29.816	+10.859	0.90	...	...
*	-37.316	-14.892	1.00	51. II888	9.6	...	-4.132	-20.296	0.70	...	...	...	+30.911	+3.351	-2	...	...
...	36.656	+24.992	-5	...	...	...	3.648	+31.437	0.80	...	...	...	30.921	+14.944	-3	...	...
...	36.582	-5.629	-5	...	...	...	3.466	-51.392	0.70	...	...	...	31.045	-43.146	-1	...	...
...	36.257	+39.863	-4	...	...	S *	1.442	+36.909	1.10	50. II765	9.6	...	31.179	+42.765	-3	...	...
...	35.998	-46.207	0.95	...	...	...	1.328	+14.923	1.00	...	...	†	32.406	+15.534	-5	m	...
5I	...	...	...	...	...	III	...	...	...	...	...	I7I	...	...	...	...	...
*	-34.977	+34.378	1.00	50. II761	10.2	...	-1.025	+20.287	-5	Mm	...	...	+33.049	+6.483	0.80	...	...
...	34.717	+52.955	-5	...	...	...	-0.838	-38.270	-2	...	...	...	34.024	+44.104	0.80	...	...
...	34.161	+50.157	-5	M	...	...	+0.654	+2.172	-4	Mm	...	...	34.274	+18.911	0.95	...	...
...	33.746	-8.732	-2	...	...	...	0.758	-27.910	0.70	...	...	†	34.475	+50.981	-3	...	...
...	33.525	-52.264	1.00	...	...	...	1.063	-41.408	-2	...	...	...	34.511	-43.299	0.75	...	...
...	-32.697	+33.049	-2	...	...	...	+1.121	-5.348	-5	p	...	...	+37.282	-43.508	-4	...	...
*	32.184	-13.865	1.00	51. II889	10.2	...	1.962	-43.860	0.85	...	...	*	37.676	+29.841	1.00	50. II775	10.4
...	31.441	+26.268	0.75	...	...	...	2.216	+31.634	-5	Mm	...	*	37.722	+0.467	1.30	51. II900	8.8
...	31.115	+46.186	-5	...	...	...	2.224	+48.896	-5	m	...	*	37.752	-12.203	1.00	51. II901	10.4
...	30.774	+39.420	-5	...	...	...	2.813	+11.640	-4	...	...	...	38.069	+54.353	-4	m	...

L measured from I, 113.

C " " 62, 165.

Notes.		Co-ordinates.		Diam.	C.P.D.		Notes.		Co-ordinates.		Diam.	C.P.D.		Notes.		Co-ordinates.		Diam.	C.P.D.	
		<i>x.</i>	<i>y.</i>	-2.	No.	Mag.			<i>x.</i>	<i>y.</i>	-2.	No.	Mag.			<i>x.</i>	<i>y.</i>			
181-200						201-215														
181	*	+38°626	-29°024	1·00	51.II902	10·2	201	...	+49°950	-16°586	-5	...	...	...	...	...	...	...	...	...
...		38°938	+33°847	-5	<i>m</i>	...	...	...	52°037	+40°768	-4	...	...	...	...	...	...	...	...	...
...		39°040	+33°745	-5	<i>m</i>	...	...	...	52°214	+2°258	-5	<i>m</i>	...	...	...	...	...	...	...	...
...		39°628	+30°731	-4	<i>m</i>	...	<i>e</i>	...	52°368	-32°358	1·00	51.II904	10·4	...	...	...	...	...	...	...
...		39°678	+18°344	-5	<i>m</i>	...	...	...	52°468	+7°375	-4	<i>m</i>	...	...	...	...	...	...	...	...
...		+40°492	-19°544	-3	...	...	...	...	+53°596	-42°789	-4	<i>e</i>	...	...	...	...	...	...	...	...
...		41°474	+4°502	-4	<i>m</i>	...	...	...	54°323	-38°302	-3	<i>e</i>	...	...	...	...	...	...	...	...
S	*	41°659	+11°389	1·50	50.II776	8·4	†	...	54°521	+24°831	0·80	...	...	...	...	...	...	...	...	...
...		42°484	+34°899	0·75	...	...	...	...	54°988	+60°350	-4	...	...	...	...	...	...	...	...	...
...		44°262	-38°133	-2	...	...	...	...	55°780	+14°291	0·95	...	...	...	...	...	...	...	...	...
191		+44°342	-14°190	-2	...	...	211	...	+55°936	+12°675	-3	...	...	...	...	...	...	...	...	...
...		46°760	+44°480	-5	<i>m</i>	...	...	...	56°542	-6°471	-4	<i>e</i>	...	...	...	...	...	...	...	...
*		47°777	-40°725	1·15	51.II903	10·2	...	...	57°131	-52°525	-5	<i>e</i>	...	...	...	...	...	...	...	...
†		47°945	-54°110	1·60	...	...	...	...	57°206	+41°057	0·65	...	...	...	...	...	...	...	...	...
†	*	48°048	-54°026	1·50	52.II2108	8·2	S e *	...	58°084	-31°385	1·25	51.II905	58·8	...	...	...	...	...	...	...
...		+48°195	+28°415	-4	<i>m</i>	...														
...		48°921	-23°634	-5	...	...														
...		49°760	+21°802	-3	<i>a</i>	...														
...		49°824	-31°507	-3	...	...														
...		49°840	-57°354	-5	...	...														

1-30						31-60						61-90					
I	-59°791	+24°734	0·75	...	...	31	-43°193	+39°494	1·15	50.II783	8·8	61	-28°069	-43°523	1·20	51.II915	9·2
†	59°615	-32°504	0·95	E	...	*	42°697	-13°944	3·20	51.II908	6·4	S *	27°110	-39°643	1·70	51.II916	8·6
...	58°113	+14°247	0·80	...	...	*	42°555	-13°922	4·00	...	...	...	26°415	-2°186	0·80	...	...
...	57°974	-42°869	-5	E	...	...	42°512	-35°347	-3	...	...	S *	26°273	+12°368	1·05	50.II784	9·6
...	57°903	+12°632	-4	...	...	...	42°458	+42°579	0·85	...	...	†	25°209	-23°218	0·85	...	...
...	-57°779	+41°059	-4	...	...	...	-42°295	-43°238	-5	...	...	*	-24°933	+57°477	1·15	50.II785	9·8
...	57°428	-38°366	-5	E	...	...	41°879	+7°181	0·85	...	...	...	23°310	+5°007	0·85	...	...
...	56°495	-6°464	-4	E	...	...	41°000	+58°287	-5	...	...	*	22°161	-58°068	1·00	52.II119	10·0
...	54°042	-52°450	-5	E	...	*	40°547	-1°270	1·00	51.II909	9·6	†	20°173	+46°277	-2	...	...
SE *	53°947	-31°297	1·20	51.II905	8·8	†	40°041	+32°335	-5	M	...	...	18°757	+13°484	-5	M	...
II	-53°465	+37°034	-5	...	...	41	-39°851	-25°730	1·00	51.II910	10·0	71	-18°101	-49°419	1·00	51.II917	10·4
...	53°321	+15°397	-5	M	...	*	38°181	-17°846	1·00	51.II911	9·8	...	17°206	+45°960	-3	...	...
S *	52°444	+28°602	1·00	50.II779	9·6	*	36°598	-57°318	1·10	52.II116	9·6	...	16°536	+12°070	-4	...	...
...	52°239	-5°854	-5	...	...	...	36°554	+51°615	-3	...	...	...	15°876	-28°381	0·90	...	...
...	52°039	-34°255	0·75	...	...	...	35°235	-38°302	0·85	51.II912	10·4	...	15°325	-49°702	0·65	...	...
...	-51°709	+12°284	0·70	...	...	...	-34°593	-18°861	0·85	...	...	...	-15°268	-59°921	-4	...	...
*	50°653	-7°761	0·90	51.II906	10·4	...	34°187	-47°246	-5	...	...	†	15°106	-30°267	0·70	...	...
...	50°253	-49°044	-5	<i>p</i>	...	...	34°142	-30°923	0·70	...	...	...	14°187	+25°018	-3	A	...
...	49°549	-43°363	-3	...	...	...	34°132	-30°624	0·70	...	...	...	13°780	-49°313	-4	...	...
...	49°537	-32°132	0·85	...	...	*	33°796	-51°173	1·00	51.II913	9·6	*	13°649	+11°392	1·15	50.II786	9·6
21	-48°773	+34°619	-3	...	...	51	-33°233	-52°214	-4	...	...	81	-13°379	+12°245	-3	...	...
...	47°411	+31°789	-2	...	...	...	33°050	+4°098	-4	M	...	...	13°344	+55°973	-5	...	...
...	47°194	-8°369	0·70	...	...	...	32°506	+49°249	0·90	...	...	...	12°354	+8°869	0·70	...	...
...	44°687	+44°043	1·00	50.II780	10·2	...	31°395	+56°508	-3	...	...	...	12°317	-14°531	0·95	...	...
...	44°560	+19°231	0·90	...	...	*	30°852	-1°685	1·00	51.II914	10·0	...	12°081	-32°808	-2	...	...
S *	-44°253	+50°852	2·75	50.II782	7·2	...	-30°284	-43°083	-5	...	...	...	-9°954	-46°143	0·70	...	...
...	44°184	+21°914	0·90	...	...	...	30°240	+13°604	0·85	...	...	...	9°768	+56°691	-2	...	...
*	44°173	+36°891	1·00	50.II781	9·6	...	29°376	-32°329	0·90	...	...	...	8°110	+36°800	0·70	...	...
...	43°817	-5°982	0·80	...	...	...	28°984	-20°455	-2	...	...	*	7°671	-48°394	1·00	51.II918	10·4
...	43°368	-37°221	0·95	51.II907	10·4	...	28°118	-18°385	-2	...	...	...	7°519	-30°677	-3	...	...

L measured from 1, 106.

C " " 58, 157.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
91-150						151-210						211-212					
9I	-7.444	-19.202	-2	...	...	15I	+25.543	+55.316	-1	...	...	2II	+58.626	-7.063	-5	...	...
...	7.392	+41.100	-2	...	...	...	25.567	+58.538	-1	...	...	...	58.790	-13.880	-5	...	...
...	6.979	-59.145	-4	...	...	...	26.998	+23.685	-3	...	...						
S *	6.712	-30.207	1.35	51.II919	8.8	...	27.024	-51.675	0.75	...	...						
†	6.540	-59.982	0.80	...	...	...	27.879	-37.437	0.70	...	...						
...	-5.347	-33.056	0.90	51.II920	10.4	...	+28.607	+20.411	-5	...	...						
...	4.798	+39.460	-3	...	...	...	30.295	-3.476	-5	...	...						
...	4.492	-40.881	0.70	...	...	*	30.429	-15.585	1.20	51.II929	9.4						
...	3.140	-58.963	1.00	...	...	*	30.575	-31.880	1.20	51.II931	9.4						
†	2.929	-30.112	0.70	...	...	...	30.783	-4.294	0.70	...	...						
10I	-2.383	+45.488	-2	...	...	16I	+30.857	+3.690	1.20	51.II930	9.6						
...	2.248	+3.304	-5	Mm	...	...	30.889	+18.358	-4	...	...						
...	2.105	+21.392	-5	Mm	...	...	31.071	-51.543	-2	...	...						
...	1.742	-29.994	0.95	51.II921	10.2	S *	31.402	-48.177	1.00	51.II932	9.6						
...	-0.849	+31.399	-4	M	...	...	31.792	+23.440	-2	a	...						
...	+0.295	+47.650	0.90	...	...	S *	+32.309	-24.178	1.10	51.II933	9.4						
...	0.674	+34.417	-5	Mm	...	...	32.376	-15.067	-3	...	...						
...	0.992	+49.563	0.75	...	...	*	32.464	-48.030	1.00	51.II934	9.8						
...	1.011	+57.343	-5	...	...	*	33.028	+56.585	1.20	50.II793	9.8						
...	1.022	-10.544	1.00	51.II922	10.4	...	33.917	-30.870	-2	...	...						
III	+1.045	-20.536	-5	Mm	...	17I	+35.164	+8.609	0.90	...	...						
...	1.600	-17.460	-3	...	...	...	35.289	+21.901	-4	...	...						
*	1.658	-43.050	0.95	51.II923	9.8	...	35.627	-39.839	0.90	...	...						
*	1.844	-25.609	1.00	51.II924	9.4	...	35.683	-1.882	-5	...	...						
...	2.191	-48.435	-5	...	...	...	35.753	+24.543	-5	...	...						
...	+2.464	+58.075	0.80	...	...	...	+36.900	-57.558	0.90	...	...						
...	3.006	+23.137	0.85	50.II787	10.4	...	37.907	+32.524	0.85	...	...						
...	3.216	+47.560	-5	...	...	...	38.106	-1.611	-5	...	...						
N	3.655	+20.987	-5	...	...	...	38.308	+53.119	0.95	...	...						
N	3.675	+21.021	-4	...	...	...	38.467	-54.385	0.80	...	...						
12I	+7.277	+13.196	-5	m	...	18I	+39.093	-21.778	-2	...	...						
...	7.977	-51.359	-3	...	...	*	39.146	+19.050	1.00	50.II794	10.4						
...	9.543	-3.110	-3	...	...	*	40.302	+11.498	1.00	50.II795	10.0						
†	9.802	+16.105	0.75	...	...	...	40.722	+45.440	0.65	...	...						
*	9.852	-23.185	1.00	51.II925	10.0	...	41.161	-11.534	-4	...	...						
...	+10.387	+2.207	-5	...	...	...	+41.559	+55.348	0.90	...	...						
...	11.270	+46.678	-5	...	...	*	41.759	-5.826	1.15	51.II935	9.6						
...	14.489	-25.861	-5	p	...	S *	41.856	+36.092	1.20	50.II796	9.2						
S *	14.977	+50.214	2.85	50.II788	7.3	...	43.029	-31.601	0.75	...	...						
...	15.885	+56.367	-4	...	...	*	44.267	+50.503	1.10	50.II797	10.0						
13I	+17.056	-44.189	-3	...	...	19I	+44.792	-22.053	-5	...	...						
...	18.207	+16.055	-5	...	...	...	46.705	-20.622	0.70	...	...						
...	18.268	-7.142	-2	...	...	...	47.489	+17.870	-2	...	...						
*	18.542	+50.540	1.00	50.II789	10.4	...	47.937	-1.688	-5	...	...						
...	19.009	+36.014	-5	...	...	...	48.742	-28.584	0.75	...	...						
...	+19.245	+53.190	-5	m	...	*	+49.129	-52.166	2.20	51.II936	8.0						
...	19.534	+19.172	0.80	...	...	†	49.324	-25.071	-2	...	...						
†	20.483	+29.697	0.70	...	...	...	51.168	-2.536	0.90	...	...						
*	20.989	+1.782	0.95	51.II926	10.2	...	51.224	-55.498	1.00	e	...						
...	21.150	+49.020	0.90	...	...	...	52.166	+41.046	-5	...	...						
14I	+21.849	-17.810	0.80	...	...	20I	+52.932	+16.904	-5	m	...						
...	21.874	+25.270	1.00	50.II790	9.8	...	53.143	-17.894	-2	e	...						
*	22.247	-25.870	1.00	51.II927	9.6	...	53.981	-23.141	-4	...	...						
...	22.411	-21.776	-3	...	...	...	55.392	-38.443	-5	p	...						
...	22.680	+14.976	0.80	...	...	...	56.045	+30.415	-4	m	...						
...	+23.107	+50.934	-3	...	...	...	+56.827	-45.968	-3	...	...						
...	23.416	-16.256	0.80	...	...	...	57.697	+29.484	-4	...	...						
*	24.306	-27.728	1.00	51.II928	10.0	...	58.000	+14.190	0.65	...	...						
...	24.795	-59.728	-4	...	...	...	58.327	-45.245	0.65	e	...						
...	25.183	-55.870	0.90	...	...	...	58.616	-3.251	0.65	e	...						

119, 120, 50° 117, mass.

Notes	Co-ordinates.		Diam.	C.P.D.		Notes	Co-ordinates.		Diam.	C.P.D.		Notes	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-134					
I	-59.802	-55.675	-4	E	...	6I	-0.576	+59.151	-4	...	...	I2I	+50.279	+2.373	0.90	51.II960	10.2
...	59.438	-18.016	-5	E	...	...	-0.435	+37.067	-5	...	...	...	51.302	-14.719	1.00	51.II961	9.5
...	55.887	+14.235	-5	...	...	...	+1.372	+37.402	0.85	50.II810	10.2	...	51.684	+46.538	1.00	50.II821	9.6
...	54.564	-3.169	-4	E	...	...	1.622	+14.304	-5	...	...	...	51.806	+22.601	-4	...	...
...	53.127	-45.122	-5	E	...	...	2.015	+17.617	1.00	50.II811	10.0	S e *	52.163	-34.832	2.75	51.II962	8.0
...	-52.391	-28.117	-3	...	...	...	+2.873	+25.261	1.00	50.II812	10.0	...	+52.803	+13.865	-1	50.II822	10.0
...	50.688	-14.522	-3	...	...	...	4.703	-6.535	1.00	51.II943	9.6	...	54.075	+23.151	-2	...	...
...	49.615	+34.971	-3	...	...	S *	5.100	-17.679	1.25	51.II944	9.4	S *	54.669	+46.421	1.00	50.II823	9.4
...	49.490	-45.739	-5	...	...	...	5.548	-15.048	-5	...	...	...	54.832	+43.005	-4	...	...
...	49.094	-40.693	-5	...	...	...	5.568	-15.218	-3	51.II945	10.2	...	55.450	-32.290	-3	e	...
II	-47.613	+26.486	-4	...	...	7I	+7.784	-49.700	1.40	51.II946	9.0	I3I	+55.803	-12.330	-3	e	...
...	47.049	+26.171	-3	...	...	S *	8.182	+54.764	-5	...	...	...	56.844	-29.121	-3	e	...
...	46.370	+9.999	-5	...	...	...	8.543	-7.825	1.00	51.II947	9.6	...	58.958	-40.345	-3	e	...
...	45.789	-54.870	-4	...	...	...	8.715	-44.854	0.90	51.II948	10.0	...	59.282	-42.794	-5	e	...
...	45.258	-36.778	-5	...	...	...	9.094	+6.500	1.00	51.II949	9.6	...					
S *	-44.936	+6.029	1.40	51.II937	9.2	...	+9.836	+48.915	-2	50.II814	10.2	...					
...	42.920	-40.196	1.00	51.II938	10.4	...	11.629	+57.670	1.00	50.II815	9.9	...					
...	41.677	+20.630	1.00	50.II799	10.0	...	12.947	+42.696	-5	...	...	...					
S *	41.274	+27.992	1.90	50.II800	8.7	*	13.005	-11.391	1.40	51.II950	9.1	...					
...	40.717	+15.334	-5	...	...	...	15.242	-2.786	-3	...	...	...					
2I	-40.506	-38.171	1.25	51.II939	9.2	8I	+16.608	-13.455	-3	...	...	...					
S *	40.049	-26.698	0.95	...	...	...	19.065	-49.441	-3	...	...	...					
...	37.574	-13.173	-3	...	...	...	19.586	+29.494	-5	...	...	...					
...	37.322	+19.548	-5	...	...	...	20.445	-58.853	-5	...	...	...					
...	37.321	-0.803	1.00	...	...	...	20.990	-14.957	-5	p	...	...					
...	-35.925	-6.855	-4	...	...	*	+21.434	-32.908	1.40	51.II951	8.8	...					
...	35.580	+48.040	-5	...	...	...	21.768	-22.071	-5	...	...	...					
...	34.322	-1.218	-3	...	...	...	22.629	+12.804	1.00	50.II816	9.8	...					
...	30.865	-41.965	-3	...	...	...	25.780	+12.431	-1	50.II817	10.2	...					
...	30.688	+27.652	0.75	...	...	...	26.550	+56.832	-5	...	...	...					
3I	-29.046	-2.531	-4	...	...	9I	+27.152	-50.712	1.00	51.II952	10.0	...					
...	28.649	+1.572	1.50	51.II940	8.8	...	27.675	-9.500	0.95	51.II953	10.0	...					
...	27.211	+0.542	-2	...	...	S *	29.874	-54.709	1.30	52.II252	9.0	...					
...	26.864	-6.235	0.65	...	...	...	29.987	-17.513	0.85	51.II954	10.0	...					
...	26.540	+8.506	1.60	50.II801	5.9	...	31.635	-13.838	-5	...	...	...					
S *	-26.397	+8.743	5.00	...	...	...	+31.838	-35.540	-5	...	...	...					
...	25.023	+22.081	-5	...	...	...	31.938	+35.280	-5	...	...	...					
...	24.827	+48.389	-5	...	...	...	32.184	-23.758	1.05	51.II955	9.6	...					
...	23.695	+52.323	-5	...	...	...	34.155	-11.390	-4	...	...	...					
...	22.514	+40.453	-3	...	...	S †	34.255	+17.333	4.80	50.II818	6.4	...					
4I	-22.478	-24.469	-1	...	...	IOI	+34.362	+10.041	2.20	50.II819	8.3	...					
...	18.565	-30.273	-3	...	...	...	35.002	+10.063	1.60	50.II820	9.0	...					
...	18.305	+58.274	1.30	50.II803	10.0	...	37.326	-16.115	-5	...	...	...					
...	18.014	+12.271	-5	...	...	...	37.396	+47.779	-5	...	...	...					
...	16.414	+7.464	1.10	51.II941	10.4	...	38.659	-24.086	-1	...	...	...					
...	-14.877	+32.681	-4	...	...	...	+39.538	+20.193	-4	...	...	...					
...	14.678	+48.993	1.00	50.II804	10.0	...	39.585	-43.856	0.90	51.II956	10.0	...					
S *	12.828	+43.914	1.10	50.II805	9.3	...	39.714	+40.110	-4	...	...	...					
...	11.534	-59.369	-5	...	...	...	40.381	-5.203	-4	...	...	...					
...	9.273	-20.104	-5	...	...	S *	40.773	+6.046	3.00	51.II957	7.9	...					
5I	-9.028	-18.913	1.10	51.II942	10.0	III	+41.985	-36.307	-4	...	...	...					
...	8.947	-57.903	-4	...	...	...	42.174	-28.670	-2	...	...	...					
...	8.711	+44.617	0.90	50.II806	10.2	...	42.302	+55.603	-3	...	...	...					
...	8.702	-1.909	-1	...	...	...	43.476	-6.416	-3	...	...	...					
...	7.770	+38.282	1.00	50.II808	10.0	...	44.509	+1.747	0.95	51.II958	9.8	...					
...	-7.104	-43.234	-5	...	...	...	+45.317	+33.440	-5	...	...	...					
*	6.837	+15.683	2.10	50.II809	8.6	*	46.452	-49.995	1.20	51.II959	9.5	...					
...	5.771	+23.459	-5	...	...	...	48.038	-38.505	-3	...	...	...					
...	4.364	+5.464	-4	...	...	...	48.725	-10.408	-4	...	...	...					
...	3.616	+53.670	-3	...	...	...	49.540	+57.149	-5	...	...	...					

L measured from 1, 62.

C " " 31, 93.

Notes	Co-ordinates.		Diam.	C.P.D.		Notes	Co-ordinates.		Diam.	C.P.D.		Notes	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
1-60						61-120						121-172					
I						6I						12I					
SE †	-59.722	-34.975	2.05	51.II962	8.0	*	-4.163	-32.950	1.40	51.II978	8.5	...	+37.216	-5.165	-2	...	...
...	59.018	-31.448	-5	...	...	*	2.873	-30.122	1.20	51.II979	9.4	...	37.660	+34.314	-3	...	...
...	57.000	-12.346	0.70	E	...	...	2.854	+49.628	-4	A	...	...	37.723	+48.440	1.00	50.II840	9.5
...	56.555	-32.304	-2	E	...	...	2.603	+32.183	0.90	50.II831	10.0	...	38.204	-30.873	-5	...	...
...	56.503	+51.866	-5	...	...	...	2.532	-47.786	-3	...	...	*	38.733	-26.998	1.10	51.II994	9.1
...	-55.281	-29.079	0.80	E	...	...	-2.294	+34.165	-2	50.II832	10.2	...	+39.788	+24.713	-4	...	...
...	53.890	+18.793	-3	...	...	...	1.718	-57.289	-2	...	...	S *	40.496	-18.832	1.70	51.II995	8.4
...	53.559	+51.714	-5	...	...	...	1.610	+31.496	-3	...	...	...	40.667	+57.380	-4	...	...
...	52.723	+5.419	-5	...	...	...	-0.275	-46.371	-4	...	...	...	40.760	+24.425	-5	...	...
...	52.706	-40.205	-2	E	...	N *	+0.164	+14.501	1.00	...	...	...	41.403	-16.379	-2	...	...
II						7I						13I					
...	-52.291	-42.646	-3	E	...	N	+0.171	+14.541	0.95	50.II833	9.5	S *	+42.570	+33.669	1.00	50.II841	9.5
...	52.279	-28.803	-5	...	...	...	1.648	+19.542	-5	...	...	...	42.751	-57.575	-5	...	...
...	51.075	-38.217	-5	...	...	...	3.621	+22.122	0.70	50.II834	10.2	...	43.694	-5.748	-3	...	...
...	48.990	+40.866	-3	...	...	...	3.962	-16.183	-2	51.II980	10.2	...	45.001	-26.601	-2	51.II996	10.2
*	48.386	+19.103	1.00	50.II824	9.6	...	4.987	+50.203	-2	...	...	†	45.306	-59.759	1.40	52.II995	8.8
...	-47.297	-0.720	0.70	...	...	S *	+5.982	+46.686	1.00	50.II835	9.4	...	+45.895	-8.796	0.80	51.II997	10.2
...	46.508	-49.675	-1	51.II963	9.9	*	6.004	-5.383	1.00	51.II981	9.4	...	46.179	+20.799	-2	...	...
*	46.200	+16.723	1.00	50.II825	9.5	...	7.103	+39.704	0.80	50.II836	10.0	...	47.172	-12.295	-5	...	...
...	46.135	-19.641	0.85	51.II964	10.2	...	7.524	+58.459	-3	...	...	...	47.379	+40.823	-4	...	...
...	44.642	-29.518	0.90	51.II965	9.6	...	8.616	-12.176	0.90	51.II982	9.8	...	48.135	+34.220	-4	...	...
2I						8I						14I					
...	-44.534	-18.408	0.65	...	...	...	+9.239	-36.755	0.95	51.II983	9.8	...	+48.284	-31.580	0.80	51.II998	10.2
*	40.253	-18.982	1.00	51.II966	9.4	...	10.102	+20.145	-5	...	...	...	48.633	-58.579	-4	...	...
†	40.093	+41.508	0.85	50.II826	10.0	...	10.384	+2.445	-5	...	...	*	48.641	-39.348	1.00	51.II999	9.6
*	37.502	-33.632	1.00	51.II967	9.4	...	13.387	+8.515	-5	...	...	*	48.797	-33.897	1.00	51.II2000	9.5
...	36.966	+15.415	-5	...	...	†	14.697	-2.645	0.85	51.II984	9.8	†	49.573	-48.375	-3	...	...
...	-35.865	+49.375	1.00	50.II827	10.0	...	+15.031	-33.385	-5	...	...	...	+49.789	-14.087	-3	...	...
...	35.482	-53.653	-5	...	...	S *	15.283	+10.044	1.00	50.II837	9.5	*	50.569	+13.881	1.00	50.II842	9.6
...	35.274	+48.532	0.90	50.II828	10.0	...	15.824	+30.341	0.70	...	...	...	51.430	+23.473	-4	...	...
...	34.323	-29.052	-4	...	...	...	16.088	+19.349	-5	...	...	...	51.902	+58.753	-5	...	...
...	34.063	-59.776	-5	...	...	...	16.219	+33.907	-5	...	...	...	52.049	+38.649	0.70	50.II843	10.0
3I						9I						15I					
...	-33.643	-37.435	-5	...	...	...	+17.859	-14.374	1.00	51.II985	9.8	...	+52.472	+52.917	-3	...	...
...	33.340	+46.356	-5	...	...	...	18.043	+33.920	-2	...	...	*	52.498	+2.308	1.10	51.II2001	9.4
...	30.433	-46.577	-5	...	...	†	19.803	-58.779	-5	...	...	...	53.075	-17.204	-4	e	...
*	29.874	-17.294	1.00	51.II968	9.6	...	20.218	+24.456	-5	...	...	e	53.334	-34.829	0.85	51.II2002	10.0
...	29.743	+16.435	-5	...	...	...	20.924	-40.832	0.80	51.II986	10.0	...	54.800	+59.707	0.90	50.II844	9.5
S †	-27.885	+19.796	2.50	50.II829	7.5	S *	+24.588	-3.811	1.10	51.II987	9.0	...	+55.686	-15.622	-5	p	...
...	26.817	-0.742	-2	...	...	...	25.348	+31.068	-5	...	...	...	55.789	+18.063	0.70	...	...
*	26.449	-3.608	1.10	51.II969	9.2	...	25.786	-58.752	-5	...	...	...	55.938	+42.499	-5	...	...
...	25.542	+6.589	-2	...	...	...	25.968	+12.067	-2	...	...	e	55.973	-31.611	1.00	51.II2003	9.9
...	23.471	-44.832	0.90	51.II970	9.8	...	26.056	-31.865	0.70	...	...	e	56.294	-49.219	0.95	51.II2004	10.0
4I						10I						16I					
...	-22.981	-6.068	-5	...	...	...	+26.185	-38.010	0.80	51.II988	10.2	...	+56.296	+41.034	-5	...	...
...	22.975	-3.197	-3	...	...	...	28.013	+13.862	-5	...	...	e	56.480	-45.409	0.80	51.II2005	10.2
...	22.314	-45.687	-5	...	...	...	28.109	-22.664	-5	...	...	S	57.117	+53.875	1.00	50.II845	9.4
...	21.028	-3.746	1.00	51.II971	9.6	...	28.765	-2.327	0.65	51.II989	10.2	e	57.258	-27.869	-3	51.II2006	10.2
...	20.912	-35.719	-2	...	...	...	28.788	+44.445	-5	...	...	...	57.601	+12.346	-4	...	...
...	-20.698	+51.731	-2	...	...	...	+28.964	+8.278	-5	...	...	e	+58.091	-31.175	0.85	51.II2007	10.0
S *	18.518	-35.629	1.35	51.II972	8.8	†	29.727	-45.820	-2	...	...	...	58.515	-24.495	-5	e	...
...	15.831	+26.146	-4	...	...	...	30.476	-43.486	1.00	51.II990	9.6	e *	59.059	-13.679	1.20	51.II2009	9.0
...	13.980	+22.577	-5	...	...	...	31.046	-40.084	-4	...	...	S *	59.197	+0.673	2.00	51.II2008	8.4
...	12.322	-51.808	-4	...	...	...	31.793	+23.155	-3	50.II838	10.2	e *	59.408	-37.518	1.00	51.II2010	9.6
5I						11I						17I					
...	-11.930	-17.288	0.90	51.II973	10.0	...	+32.037	+8.265	-1	...	...	...	+59.449	-46.428	1	e	...
...	11.921	-15.692	0.95	51.II974	9.6	...	33.251	-44.476	0.65	51.II991	10.2	†	59.540	+28.472	-1	...	...
...	11.882	-18.532	-5	...	...	...	33.430	+12.221	-4	...	...	...	...	...	...	...	...
S *	11.472	-6.344	1.40	51.II975	8.8	...	34.076	+29.776	-4	...	...	...	...	...	...	...	...
†	10.731	-15.039	0.70	51.II976	10.0	...	34.408	-43.998	0.95	51.II992	9.9	...	...	...	...	...	...
...	-10.527	+15.077	-5	...	...	*	+34.822	-20.038	1.00	51.II993	9.6	...	...	...	...	...	...
*	8.337	-24.003	1.10	51.II977	9.2	...	35.161	-41.385	-3	...	...	...	...	...	...	...	...
...	7.937	+28.331	-5	...	...	...	36.232	+9.162	-4	...	...	...	...	...	...	...	...
...	6.747	+26.465	0.70	...	...	...	36.407	+22.419	0.80	50.II839	10.2	...	...	...	...	...	...
...	6.036	+29.974	0.90	50.II830	9.9	...	37.145	+7.372	-4	...	...	...	...	...	...	...	...

L measured from 1, 70.

C " " 34, 107.

70, 71. 50° 118, mass; 50° 119, two stars.

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.		<i>x.</i>	<i>y.</i>		No.	Mag.
1-60						61-120						121-180					
I	-59.543	-17.314	-5	E	...	61	-24.375	+3.633	-4	...	...	I21	+11.050	+35.758	-2	...	...
...	59.098	+42.431	-5	...	...	...	23.464	+57.638	-5	...	...	...	11.451	-30.244	-5	...	...
E	58.545	-34.927	0.95	51.I2002	10.0	...	23.435	+22.048	-2	...	...	...	11.564	+33.886	-2	...	...
S	58.383	+53.852	1.00	50.II845	9.4	...	22.522	-9.900	0.70	...	...	...	13.031	-22.248	0.75	51.I2033	10.2
...	58.254	+18.022	0.70	...	...	S *	22.486	-30.772	1.00	51.I2015	9.5	...	13.856	+51.518	-5	m	...
...	-56.215	+12.376	-5	...	...	...	-22.411	-19.758	0.70	...	...	†	+14.856	-55.898	-2	...	...
E *	56.041	-31.605	1.00	51.I2003	9.9	*	21.855	+12.926	1.05	50.II851	9.4	...	14.945	-47.679	0.70	...	...
E †	54.992	-49.171	0.95	51.I2004	10.0	...	21.475	-1.905	0.90	51.I2016	10.0	*	15.628	-21.942	1.90	51.I2034	8.2
E †	54.973	-45.360	-1	51.I2005	10.2	...	21.091	-18.254	-5	...	...	...	16.479	-59.120	-3	...	...
...	54.929	+28.581	0.80	...	...	...	20.574	+16.529	-4	...	...	...	17.156	-3.105	0.85	51.I2035	10.2
II	-54.918	-27.808	0.70	51.I2006	10.2	71	-19.708	-37.807	-5	p	...	I31	+17.506	-52.491	1.40	52.I2217	8.3
S *	54.134	+0.783	1.90	51.I2008	8.4	...	19.608	-2.009	-5	...	...	S *	19.112	+0.908	-5	m	...
E	53.958	-31.074	0.90	51.I2007	10.0	...	18.578	+39.708	-5	...	...	*	19.113	-23.030	1.00	51.I2036	9.0
...	53.794	-24.389	-5	E	...	...	18.159	-53.086	0.70	...	...	...	19.439	+44.780	0.70	...	...
E *	53.690	-13.555	1.20	51.I2009	9.0	...	17.974	-45.706	-2	...	...	...	19.594	-17.128	-2	51.I2037	10.2
...	-52.955	+19.190	-5	...	...	...	-17.811	-17.216	-5	p	...	*	+21.111	-0.493	0.95	51.I2038	9.8
...	52.541	+11.270	-5	...	...	...	17.796	+23.014	-5	...	...	S *	21.914	+10.871	1.00	50.II862	9.4
E *	52.376	-37.360	1.00	51.I2010	9.6	*	16.066	-6.428	1.15	51.I2017	9.4	...	23.550	+34.047	0.90	50.II863	10.0
...	52.270	-16.608	0.95	51.I2011	9.6	...	15.479	+14.740	-2	...	...	...	23.709	+36.721	-4	...	...
...	51.966	-46.263	-2	E	...	...	15.096	+55.219	-4	...	...	...	24.161	-16.732	-5	...	...
21	-51.851	-7.995	-5	...	...	81	-14.212	+17.677	-4	...	...	I41	+24.576	-40.210	1.00	51.I2039	9.6
*	51.436	+10.416	1.00	50.II847	9.4	...	14.136	-15.723	0.70	51.I2019	10.2	...	25.046	+30.606	0.95	50.II864	9.6
...	51.424	+24.845	-2	...	...	...	14.129	-43.042	0.85	51.I2018	10.0	...	26.841	+14.727	-4	...	...
...	50.600	+55.885	-5	...	...	...	13.551	+3.479	0.90	51.I2020	9.6	...	27.141	-52.757	-3	...	...
...	49.137	-40.904	0.95	50.II848	10.0	*	12.158	-50.232	1.00	51.I2021	9.8	*	27.822	-16.851	1.20	51.I2040	9.0
...	-48.191	+50.916	-5	...	...	...	-12.126	-28.866	-5	p	...	...	+27.856	-18.172	-5	...	...
...	47.443	-13.464	-5	...	...	S *	11.243	+30.329	1.05	50.II852	9.0	...	28.000	+19.839	0.75	50.II865	10.2
S *	45.975	-15.613	1.20	51.I2012	9.0	...	11.036	+53.564	-5	...	...	...	28.110	+24.563	-3	...	...
...	45.967	+18.782	-3	...	...	...	8.235	+4.076	0.70	51.I2022	10.0	...	28.664	+26.794	-3	...	...
...	45.787	+21.916	-4	...	...	...	8.048	+57.134	0.90	50.II853	10.2	...	30.418	+45.351	-5	m	...
31	-44.904	-48.089	-1	...	...	91	-7.591	+34.125	-5	...	...	I51	+32.393	-43.471	0.75	...	...
...	44.808	-12.410	-5	...	...	...	7.432	-57.718	0.70	...	...	...	32.645	+15.498	-3	...	...
...	44.239	+33.514	-2	...	...	...	6.849	-26.286	-4	...	...	S *	32.862	-10.365	1.70	51.I2041	8.3
...	42.688	-57.946	-1	52.I2205	10.2	...	4.906	-27.077	0.80	51.I2023	10.2	...	33.461	-10.292	-4	...	...
...	42.353	+46.684	0.70	...	...	*	4.818	-47.650	1.20	51.I2024	9.2	†	34.047	+60.184	-5	m	...
...	-41.864	-5.133	0.70	...	...	...	-4.084	+41.899	-5	...	...	...	+35.127	+1.583	0.75	...	...
...	40.763	-42.114	0.80	...	...	...	3.577	-6.390	-5	...	...	...	35.216	+12.860	-5	m	...
...	40.636	+11.503	-5	...	...	...	2.858	+41.396	-5	A	...	...	35.242	+29.576	-4	a	...
...	40.218	-36.206	-5	...	...	...	2.722	+45.424	0.90	50.II857	10.2	...	36.920	-25.816	0.75	51.I2042	10.2
...	39.467	+25.872	-4	...	...	...	1.780	-1.279	0.90	51.I2025	9.6	...	38.319	-41.342	0.75	...	...
41	-37.632	+31.166	-5	A	...	IO1	-0.383	+13.109	5.60	50.II858	4.5	I61	+39.360	+32.684	-3	...	...
...	37.625	+20.375	-4	...	...	S †	+0.908	+50.263	1.05	50.II859	8.8	...	39.589	+22.503	-4	...	...
...	36.821	-6.911	-5	...	...	S †	1.538	-14.547	1.00	51.I2026	9.6	...	40.216	+58.240	0.65	...	...
...	36.750	-59.468	-5	...	...	...	1.916	-15.376	-4	...	...	...	40.510	-30.459	0.70	...	...
...	35.761	-2.262	-3	...	...	...	2.632	-21.449	0.85	51.I2027	9.9	...	40.535	-27.420	-2	...	...
S *	35.363	-54.461	2.00	52.I2208	7.9	...	+2.710	+52.730	-3	...	...	...	+40.800	+46.482	5	...	...
...	35.049	+2.244	-5	...	...	...	4.532	-43.624	0.80	51.I2028	10.2	...	45.343	+24.412	-4	a	...
...	34.877	-40.102	0.75	...	...	...	5.273	-29.105	-3	...	...	...	46.053	-22.610	0.70	...	...
...	33.791	-9.504	-5	...	...	...	6.071	+7.674	-5	m	...	...	47.823	+59.319	1.00	50.II868	9.8
...	33.775	+48.126	5	...	...	...	6.635	+6.782	0.90	51.I2029	9.9	...	47.849	+5.189	-2	...	...
51	-33.434	-7.254	0.90	51.I2013	10.0	III	+6.842	+29.812	0.95	50.II860	9.6	I71	+48.005	-26.275	-3	...	...
...	33.178	-17.983	0.95	51.I2014	9.6	...	6.870	-25.834	0.70	51.I2030	10.2	...	49.447	-37.905	1.00	51.I2043	10.4
...	32.978	-13.460	0.70	...	...	...	6.953	-45.020	-5	...	...	...	50.340	+13.238	0.85	...	...
...	31.003	-50.157	-2	...	...	...	7.205	-46.287	0.70	...	...	...	50.689	-11.771	0.70	...	...
...	30.282	-52.156	-4	...	...	...	7.368	+51.520	0.85	50.II861	10.2	...	54.408	-25.095	-4	e	...
...	-29.515	-13.992	-5	...	...	S *	+7.701	-26.758	3.30	51.I2031	7.8	...	+55.516	+9.245	-5	e	...
...	29.427	-47.744	-3	...	...	...	7.981	-59.328	-3	...	...	...	56.172	+57.948	1.05	50.II869	9.8
...	27.934	+19.272	-5	...	...	...	8.239	-49.258	-5	...	...	...	56.222	+9.335	0.90	50.II870	10.4
...	27.678	-48.619	-2	...	...	...	10.226	-56.566	-5	p	...	...	57.862	+6.745	-4	e	...
...	25.686	-24.767	-2	...	...	*	10.925	-36.348	1.50	51.I2032	8.5	e	58.030	-43.934	1.00	51.I2044	10.4

L measured from 1, 102.

C " " 56, 150.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		No.	Mag.
181-183					
181					
...	+58.151	+38.416	-5	<i>e</i>	...
...	58.998	-27.009	-5	<i>e</i>	...
...	59.030	-39.999	-1	<i>e</i>	...

Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		...	No.

Notes.	Co-ordinates.		Diam.	C.P.D.	
	<i>x.</i>	<i>y.</i>		...	No.

1-40						41-80						81-120					
I	-59·482	+57·883	1·00	50.II869	9·8	4I	-38·145	-3·571	0·80	...	...	8I	-21·378	-41·291	-5	...	...
...	58·149	+9·196	-3	E	...	...	37·182	-11·377	0·80	...	...	...	21·286	+32·217	-5	M	...
...	57·857	-25·163	-3	E	...	...	36·423	+9·848	-4	...	...	...	20·383	+56·138	1·00	50.II885	10·4
...	57·454	+9·316	0·95	50.II870	10·4	*	36·227	+19·540	2·70	50.II879	7·6	...	18·825	+38·335	-5	M	...
...	56·715	+38·451	-5	E	...	...	35·727	+26·903	-5	M	...	...	18·269	+12·618	0·95	50.II886	10·4
...	-56·161	+58·863	-4	...	...	...	-35·572	-18·871	0·85	51.I2047	10·4	*	-18·226	-27·815	1·10	51.I2054	9·7
...	55·706	+6·791	-3	E	...	...	35·421	+8·859	0·80	...	...	...	18·022	+32·730	-5	M	...
*	54·434	+18·959	1·05	50.II871	10·0	†	35·132	-47·677	0·90	51.I2046	10·4	...	17·310	+53·738	-5	M	...
*	54·268	+53·017	1·10	50.II872	9·7	...	34·644	-39·199	0·90	...	...	...	17·149	+28·303	-3	...	...
E	53·477	-43·822	1·05	51.I2044	10·4	...	34·642	-37·106	-4	...	...	...	16·753	-36·561	0·80	...	...
II	-53·435	+52·610	-5	...	...	5I	-34·105	-58·109	-4	...	...	9I	-16·615	+4·395	-3	A	...
...	53·317	+40·167	1·00	50.II874	10·2	*	33·796	-28·096	1·00	51.I2048	10·4	*	16·444	+16·094	1·15	50.II887	10·0
...	53·205	-26·880	-5	E	...	...	33·470	+33·089	-3	...	...	...	15·387	-55·143	-3	...	...
*	53·051	+38·284	1·20	50.II875	9·4	...	33·466	+8·673	-5	M	...	*	14·830	+18·128	1·00	50.II888	10·4
...	52·929	+5·333	-5	M	...	*	33·396	-55·909	2·00	52.I2227	8·2	...	14·261	-4·158	-5	...	...
†	-52·632	-39·850	0·65	E	...	*	-32·354	-20·919	1·00	51.I2049	10·4	*	-12·941	+7·101	1·50	51.I2055	9·0
...	52·449	+6·419	0·70	...	...	...	31·996	+44·694	-3	...	...	...	12·350	+59·407	0·75	...	...
...	52·351	-32·861	-5	...	...	...	31·589	+25·514	-5	...	...	...	11·495	-4·902	-4	...	...
...	52·075	+22·277	-5	M	...	S *	30·829	-44·995	1·25	51.I2050	9·0	...	8·803	-38·227	0·70	...	...
...	51·773	+32·043	-4	...	...	*	30·640	+10·559	1·00	50.II880	9·9	S *	8·754	+18·760	2·90	50.II890	7·8
2I	-51·488	+26·123	1·90	50.II876	8·5	6I	-30·515	+26·833	0·85	...	...	IOI	-8·416	+43·865	0·80	...	...
S *	51·370	-45·535	-3	...	...	*	30·387	+20·158	1·05	50.II881	9·2	...	7·775	+50·453	-5	M	...
...	51·358	-16·982	-5	...	...	†	30·179	+40·964	0·95	50.II882	10·2	S *	7·178	-27·911	1·50	51.I2056	9·0
...	50·937	-49·981	-5	...	...	...	29·278	-16·854	0·70	...	...	...	6·289	+38·154	-3	...	...
...	49·746	-43·544	-5	...	...	...	27·671	-56·914	-3	...	...	...	6·177	-41·409	-5	...	...
...	-49·337	-48·030	-1	...	...	...	-27·197	+12·081	0·90	...	...	...	-4·050	-34·193	-4	...	...
...	48·859	-27·047	1·00	...	...	...	25·944	-5·088	-1	...	...	...	3·922	-41·880	-5	...	...
...	48·376	-43·949	-3	...	...	...	25·942	+3·652	1·00	51.I2051	10·4	...	3·094	-58·017	-1	...	...
*	47·546	-12·435	0·95	51.I2045	10·4	...	25·355	-12·943	0·95	51.I2052	10·4	...	1·816	+33·014	-3	Am	...
...	46·099	-22·126	-5	...	...	...	25·250	-22·970	-4	...	...	...	0·752	-28·689	0·80	51.I2057	10·4
3I	-43·726	+12·114	0·70	...	...	7I	-24·845	-4·265	-5	...	...	III	-0·431	-31·282	-5	...	...
...	43·592	-28·176	0·90	...	...	*	24·518	+8·484	1·70	50.II884	9·0	*	0·387	-56·336	1·00	52.I2235	10·2
*	43·447	+40·676	1·00	50.II877	10·4	...	24·265	+35·549	-5	M	...	†	-0·254	-31·010	-4	...	...
...	43·376	+33·104	-5	...	...	...	22·993	-44·940	-4	...	...	...	+1·006	+33·699	0·90	...	...
...	42·686	-14·045	0·80	...	...	...	22·718	+43·214	-2	...	...	...	1·665	-15·510	-5	...	...
...	-42·330	-32·779	-5	...	...	*	-22·080	+6·935	1·10	51.I2053	9·7	...	+1·786	+8·977	-5	Mm	...
...	41·486	-29·333	-4	...	...	...	21·764	-39·242	-4	...	...	...	1·786	-21·848	-3	...	...
...	41·465	-29·714	-5	...	...	...	21·619	+32·466	-2	...	...	*	1·814	-28·402	1·05	51.I2058	9·8
...	38·445	+27·943	0·85	50.II878	10·4	...	21·605	+30·046	-2	...	...	...	3·420	-20·666	0·80	51.I2059	10·4
...	38·408	-25·302	-5	...	...	...	21·448	-53·728	0·70	...	...	*	3·487	-33·400	1·00	51.I2060	9·8

L measured from I, 114.

C " " 64, 164.

C.P.D. 50°. 11883. Single image; too faint to measure. Var. 7·4 — 12·5

Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.		Notes.	Co-ordinates.		Diam.	C.P.D.	
	x.	y.		No.	Mag.		x.	y.		No.	Mag.		x.	y.		No.	Mag.
121-160						161-200						201-224					
I2I						I6I						20I					
...	+ 4.182	- 2.494	1.00	51.I2061	10.4	...	+28.068	-47.860	0.70	...	...	*	+49.483	-50.193	1.20	51.I2074	9.9
...	4.189	-20.244	1.00	51.I2062	10.4	...	28.174	+24.267	- 5	...	...	...	49.557	-37.568	0.80	...	...
...	4.331	-57.790	- 5	...	...	...	28.586	+20.634	0.80	...	...	...	50.642	-52.972	- 5	<i>p</i>	...
S †	4.689	+36.662	1.35	50.II891	8.6	†	29.719	+25.425	0.95	50.II900	9.4	...	50.921	+ 7.198	- 5	<i>m</i>	...
†	4.885	-50.155	- 5	...	...	...	30.232	- 6.895	- 2	...	...	...	50.929	+33.914	- 5	<i>m</i>	...
S *	+ 5.674	-33.300	3.00	51.I2063	7.2	...	+31.033	-28.851	- 5	...	...	...	+51.552	-34.019	0.70	...	...
...	7.544	-26.297	1.00	51.I2064	10.2	...	31.602	-23.439	- 4	...	...	...	51.763	+ 4.556	- 5	<i>m</i>	...
...	7.919	-48.034	0.70	...	...	...	31.802	+17.467	- 5	...	...	...	51.898	+ 1.805	- 5	<i>m</i>	...
...	9.211	-25.511	2.20	51.I2065	8.4	...	32.495	-55.745	0.65	...	...	...	51.927	+ 5.225	- 5	<i>m</i>	...
...	11.618	-12.836	1.15	51.I2066	9.4	...	32.629	-59.342	- 3	...	...	*	52.764	+23.912	1.00	50.II902	10.4
I3I						I7I						21I					
...	+12.146	-32.914	- 3	...	...	...	+32.706	-39.207	0.70	...	...	...	+53.049	+ 1.237	- 4	<i>m</i>	...
...	12.482	+18.747	- 5	<i>m</i>	...	...	34.194	+ 8.127	0.70	...	...	...	53.535	-21.098	- 4	<i>e</i>	...
...	13.731	+27.458	- 5	...	...	...	34.392	+51.578	- 5	<i>m</i>	...	...	54.053	- 0.694	0.85	<i>e</i>	...
...	14.559	+19.106	0.95	50.II893	10.4	...	35.306	+40.470	0.70	...	...	*	54.089	+26.256	1.00	...	...
...	14.891	+35.219	0.90	50.II894	10.4	...	35.624	+49.083	- 1	...	...	...	54.315	+48.205	0.95	50.II903	10.4
*	+16.477	- 0.261	3.00	51.I2067	7.9	...	+36.298	-59.330	0.85	...	...	...	+55.022	- 2.763	0.80	<i>e</i>	...
...	16.855	+58.192	- 4	...	...	...	36.577	+11.381	- 4	...	...	...	55.039	- 1.054	0.85	<i>e</i>	...
...	17.052	+17.359	0.70	...	...	...	36.699	+ 3.379	- 3	<i>m</i>	...	...	55.315	+38.041	- 4	...	...
...	17.969	-28.596	- 5	...	...	...	37.984	-10.863	0.80	51.I2070	10.4	...	57.029	+31.648	- 4	...	...
...	17.988	-40.293	0.70	...	...	...	38.112	-41.721	- 5	...	...	<i>e</i> *	57.092	-53.076	1.40	52.I2252	9.6
I4I						I8I						22I					
...	+18.395	+20.057	1.00	50.II896	10.4	...	+39.603	-12.237	- 5	<i>m</i>	...	†	+57.112	- 9.936	- 4	<i>e</i>	...
...	19.341	+48.852	- 3	...	...	...	39.797	-49.405	0.95	51.I2071	10.4	...	57.793	-43.531	- 1	<i>e</i>	...
...	19.870	-39.641	- 5	...	...	...	40.572	-40.096	- 4	...	...	...	59.226	+27.940	0.75	...	...
...	19.881	+32.011	- 5	<i>m</i>	...	...	40.817	+35.268	0.70	...	...	*	59.268	+32.694	1.00	50.II904	10.4
...	20.703	- 6.530	- 2	...	...	...	42.167	+49.461	- 4	...	...	...	...	...	...	...	...
S *	+20.772	+ 6.240	5.00	51.I2068	7.1	...	+42.954	-21.189	- 5	...	...	...	...	...	...	...	...
...	20.885	+16.237	- 5	...	...	...	43.325	+10.786	0.80	...	...	...	...	...	...	...	...
...	22.452	-39.017	- 3	...	...	...	44.174	+56.765	- 5	<i>m</i>	...	...	...	...	...	...	...
...	22.464	+47.376	- 5	<i>m</i>	...	...	44.191	- 3.367	- 5	...	...	...	...	...	...	...	...
...	22.666	-18.893	- 3	...	...	...	45.267	+27.422	0.70	...	...	...	...	...	...	...	...
I5I						I9I						...					
*	+23.177	+46.792	1.00	50.II898	9.6	S *	+46.069	+39.487	1.00	50.II901	9.4	...	...	...	...	...	...
...	23.179	+ 1.887	- 5	<i>m</i>	...	...	46.446	-12.848	- 4	...	...	...	...	...	...	...	...
...	23.248	-51.076	0.80	...	...	...	46.712	-20.191	- 5	...	...	...	...	...	...	...	...
...	24.809	+54.001	- 3	...	...	...	47.199	-48.716	- 4	...	...	...	...	...	...	...	...
...	25.186	-36.080	0.90	51.I2069	10.2	...	47.409	+48.648	- 5	<i>m</i>	...	...	...	...	...	...	...
*	+26.296	+58.594	1.00	50.II899	9.8	...	+47.631	-28.849	0.95	...	...	...	...	...	...	...	...
...	26.794	-57.979	- 5	...	...	...	48.085	-22.665	1.00	51.I2073	10.4	...	...	...	...	...	...
...	27.284	+56.830	- 5	...	...	*	48.097	- 1.685	1.00	51.I2072	10.4	...	...	...	...	...	...
...	27.316	- 6.074	- 3	...	...	...	48.614	-32.858	0.75	...	...	...	...	...	...	...	...
...	27.992	+53.620	0.70	...	...	...	48.716	-47.280	1.00	...	...	...	...	...	...	...	...

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